Application for a Permit to Use

Groundwater

OREGON WATER RESOURCES DEPARTMENT

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
503-986-0900
www.oregon.gov/OWRD

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

NAME			PHONE (HM)
PHONE (WK)	CELL		FAX
ADDRESS			
CITY	STATE	ZIP	E-MAIL*

Organization

NAME **Avion Water Company, Inc., Attn: Jason Wick**			PHONE **541-382-5342**	FAX
ADDRESS **60813 Parrell Road**				CELL
CITY **Bend**	STATE **OR**	ZIP **97702**	E-MAIL* **jason@avionwater.com**	

Agent – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME **GSI Water Solutions, Attn: Owen McMurtrey**			PHONE **541-257-9005**	FAX
ADDRESS **1600 SW Western Blvd, Suite 240**				CELL
CITY **Corvallis**	STATE **OR**	ZIP **97333**	E-MAIL* **OMcMurtrey@gsiws.com**	

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the Department electronically. (Paper copies of the proposed and final order documents will also be mailed.)

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

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I (we) affirm that the information contained in this application is true and accurate.

Applicant Signature

Jason Wick, President, Avion Water Co, Inc.
Print Name *and title if applicable*

6/14/21
Date

For Department Use: App. Number: _____

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

☐ YES, there are no encumbrances.
☐ YES, the land is encumbered by easements, rights of way, roads or other encumbrances.

☒ **NO, the Applicant meets the definition of a municipality as described in ORS 540.510(3)(b).**
☐ NO, I have a recorded easement or written authorization permitting access.
☐ NO, I do not currently have written authorization or easement permitting access.
☐ NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
☐ NO, because water is to be diverted, conveyed, and/or used only on federal lands.

Affected Landowners: List the names and mailing addresses of all owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. (*Attach additional sheets if necessary).*

N/A-The applicant meets the definition of a municipality as described in ORS 540.510(3) (b).

Legal Description: You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

See Attachment C for a legal description of the property where the proposed points of appropriation are located.

SECTION 3: WELL DEVELOPMENT

		IF LESS THAN 1 MILE:	
WELL NO.	NAME OF NEAREST SURFACE WATER	DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
SCCE Well 1	Whychus Creek	0.41 miles	approximately 329 ft.
SCCE Well 2	Whychus Creek	0.40 miles	approximately 327 ft.
SCCE Well 3	Whychus Creek	0.40 miles	approximately 327 ft.

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials *(attach additional sheets if necessary).*

See Attachment D for Well Logs.

For Department Use: App. Number: _____

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 0.67 cfs, to be jointly limited with 0.67 cfs already authorized under Permit G-18191 (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

										PROPOSED USE			
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)[1]	ANNUAL VOLUME (ACRE-FEET)[2]
SCCE Well 1	☐	☒	L-91141 (DESC 58167)	☐	8"	+2 to 844 ft.	780 to 840 ft. (60 ft.)	0 to 96 ft.	520 ft. (2007)	Deschutes Formation	844 ft.		
SCCE Well 2	☐	☒	L-42966 (DESC 53193/58039)	☐	8"	+2 to 78 ft.	585 to 605 ft. (20 ft.)	0 to 78 ft.	498 ft. (2007)	Deschutes Formation	690 ft.		
SCCE Well 3	☐	☒	L-42967 (DESC 53194/59678)	☐	8" Diam 6" Liner	+2 to 750 ft.	710 to 750 ft. (40 ft.)	0 to 138 ft.	525 (2013)	Deschutes Formation	750 ft.		

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

[1] A maximum rate of up to 0.67 cfs will be produced from any combination of the three wells. The maximum rate will be jointly limited with 0.67 cfs already authorized under Permit G-18191.

[2] A maximum annual volume of up to 98 acre-feet will be produced from any combination of the three wells under this permit.

For Department Use: App. Number: _____

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in Attachment 3 or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply:
https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

Is the well or proposed well located in an area where the Upper Columbia Rules apply?

☒ Yes ☐ No

If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the "Columbia River Basin Fish and Wildlife Program" adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements.

Lower Columbia - OAR 690-033-0220 thru -0230

Is the well or proposed well located in an area where the Lower Columbia rules apply?

☐ Yes ☒ No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as

appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

If yes, you will be required to provide the following information, if applicable.

☐ Yes ☐ No The proposed use is for more than **one** cubic foot per second (448.8 gpm) and is not subject to the requirements of OAR 690, Division 86 (Water Management and Conservation Plans).

If yes, provide a description of the measures to be taken to assure reasonably efficient water use:

_____

Statewide - OAR 690-033-0330 thru -0340

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Is the well or proposed well located in an area where the Statewide rules apply?

☒ Yes ☐ No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine whether the proposed use will occur in an area where endangered, threatened or sensitive fish species are located. If so, the Water Resources Department, Department of Fish and Wildlife, Department of Environmental Quality, and the Department of Agriculture will recommend conditions required to achieve "no loss of essential habitat of threatened and endangered (T&E) fish species," or "no net loss of essential habitat of sensitive (S) fish species." If conditions cannot be identified that meet the standards of no loss of essential T E fish habitat or no net loss of essential S fish habitat, the agencies will recommend denial of the application unless they conclude that the proposed use would not harm the species.

SECTION 5: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Quasi-municipal	Year-round	98 AF

For irrigation use only:
Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: _____Acres Supplemental: _____Acres

If you listed supplemental acres, list the Permit or Certificate number of the underlying primary water right(s):

_____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: _____

- If the use is **municipal or quasi-municipal,** attach **Form M** **(See Attachment E).**
- If the use is **domestic,** indicate the number of households: **N/A** **(Exempt Uses:** Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.)
- If the use is **mining,** describe what is being mined and the method(s) of extraction (*attach additional sheets if necessary*): **N/A**

For Department Use: App. Number: _____

SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

☐ Pump (give horsepower and type): _____
☒ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Wells discharge water to two partially buried storage reservoirs (Reservoir #1 (40,000 gallons) and Reservoir #2 (80,000 gallons)). Water is treated with chlorine, then pumped from the storage reservoirs with two 40-hp pumps and delivered to customers though a waterline buried at a minimum of 30" underground.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) (*attach additional sheets if necessary*)
Water will be pumped from wells into the Squaw Creek Canyon Estates water system and delivered to customers' systems.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters (*attach additional sheets if necessary*).
Water will be used for quasi-municipal use. Customers are charged according to their water usage, which is a known deterrent of water waste. Water will be used for quasi-municipal use.

SECTION 7: PROJECT SCHEDULE

a) Date construction will begin: Within 5 years of permit issuance
b) Date construction will be completed: Within 5 years of permit issuance
c) Date beneficial water use will begin: Within 5 years of permit issuance

SECTION 8: RESOURCE PROTECTION

In granting permission to use water the state encourages, and in some instances requires, careful control of activities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

☒ Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: Water appropriated under this permit will be for quasi-municipal use. Waste water will be treated via septic systems then released to drainage fields. Water use will not result in erosion or run-off.

☐ Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.
Describe planned actions and additional permits required for project implementation: **N/A** – No excavation planned

☐ Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: **N/A**

SECTION 9: WITHIN A DISTRICT

☐ Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.

Irrigation District Name **N/A**	Address	
City	State	Zip

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application *(attach additional sheets if necessary)*.

The Applicant understands mitigation will be required within the General Zone of Impact similar to Permit G-18198 for the same facility.

The Applicant is proposing to appropriate 0.67 cfs of groundwater to be jointly limited with the 0.67 cfs already authorized under Permit G-18198. In other words, this application is not proposing to increase the rate of appropriation from that already authorized by permit G-18198. This application is seeking only to increase the total volume authorized for appropriation. The Applicant is proposing to appropriate up to 98 acre-feet of water annually under this permit.

Attachment A

Permit Application Map

Application for Groundwater Permit – Avion Water Company

Attachment B

Land Use Information Form

Application for Groundwater Permit – Avion Water Company

Land Use Information Form

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

Applicant(s): Avion Water Company, Inc.

Mailing Address: 60813 Parrell Road

City: Bend State: OR Zip Code: 97703 Daytime Phone: 541-382-5342

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
See Attached Maps and table					_____	☒ Diverted ☒ Conveyed ☒ Used	Quasi-municipal
_____	_____	_____	_____	_____	_____	☐ Diverted ☐ Conveyed ☐ Used	_____
_____	_____	_____	_____	_____	_____	☐ Diverted ☐ Conveyed ☐ Used	_____
_____	_____	_____	_____	_____	_____	☐ Diverted ☐ Conveyed ☐ Used	_____

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Deschutes County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☒ Ground Water ☐ Surface Water (name) _____

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Estimated quantity of water needed: 0.67 ☒ cubic feet per second ☐ gallons per minute ☐ acre-feet

Intended use of water: ☐ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☐ Municipal ☒ Quasi-Municipal ☐ Instream ☐ Other _____

Briefly describe:

Avion Water Company, Inc. is proposing to use groundwater from three existing wells for quasi-municipal use within the Squaw Creek Canyon Estates development.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

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For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s):

☒ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
Conditional Use (Nonfarm Dwelling)	DCC 18.16.030	☒ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
Conditional Use (Nonfarm Dwelling)	DCC 18.16.030	☐ Obtained ☐ Denied	☐ Being Pursued ☒ Not Being Pursued
Conditional Use (Template Dwelling)	DCC 18.40.030	☒ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
Conditional Use (Template Dwelling)	DCC 18.40.030	☐ Obtained ☐ Denied	☐ Being Pursued ☒ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Please review attached letter.

Name: Caroline House Title: Assistant Planner

Signature: _____ Phone: 5413886667 Date: 5/27/2021

Government Entity: Deschutes County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

Staff interprets the applicant's request as a use which is allowed outright when supplying domestic water to properties zoned Rural Residential (RR10). Additionally, staff interprets the applicant's request as a use which is allowed conditionally when supplying domestic water to residential uses on properties zoned Exclusive Farm Use (EFU) and Forest Use (F2).

In regards to new residential uses on the EFU and F2 zoned properties included in the applicant's LUCS requests, Deschutes County Code (DCC) Chapters 18.16 and 18.40 outline the types of dwellings allowed and land use approval required for each type as follows:

Chapter 18.16. Exclusive Farm Use Zones

Section 18.16.025. Uses Permitted Subject to the Special Provisions Under DCC Section 18.16.038 or DCC Section 18.16.042 and a Review Under DCC Chapter 18.124 where applicable.

A. Dwellings customarily provided in conjunction with farm use (farm-related dwellings), subject to DCC 18.16.050.

B. A relative farm assistance dwelling, subject to DCC 18.16.050.

Section 18.16.030. Conditional Uses Permitted High Value and Non-high Value Farmland.

The following uses may be allowed in the Exclusive Farm Use zones on either high value farmland or non-high value farmland subject to applicable provisions of the Comprehensive Plan, DCC 18.16.040 and 18.16.050, and other applicable sections of DCC Title 18.

A. Nonfarm dwelling.

B. Lot of record dwelling.

C. Residential home or facility, as defined in DCC 18.04.030, in existing dwellings.

D. A hardship dwelling, which can include one manufactured dwelling or recreational vehicle, in conjunction with an existing dwelling as a temporary use for the term of a hardship suffered by the existing resident or a relative of the resident.

Chapter 18.40. Forest Use Zone

Section 18.40.030. Conditional Uses Permitted.

X. Single family dwellings or manufactured homes as specified in DCC 18.116.070, pursuant to DCC 18.40.050.

The table below identifies the EFU and F2 zoned properties included in the applicant's LUCS requests and outlines whether the property is developed with a dwelling and the related land use approval.

Tax Map/Lot	Zoning	Existing Dwelling	Valid Land Use Approval	Land Use File No.
141117C001600	EFUSC	No	Yes	247-19-000105-CU
141120B001300	EFUSC	No	Yes	247-19-000104-CU
141024D000100	F2	No	Required	
141120B000300	EFUSC	No	Required	
141120B001500	EFUSC	No	Required	
141120B001700	EFUSC	No	Required	
141024D007400	F2	Yes	Yes	247-CU0589-PL

Tax Map/Lot	Zoning	Existing Dwelling	Valid Land Use Approval	Land Use File No.
141024D007500	F2	Yes	Yes	247-CU0756-PL
141024D007800	F2	Yes	Yes	247-CU0280-PL
141117C000600	EFUSC	Yes	Yes	247-CU9673-PL
141117C001100	EFUSC	Yes	Yes	247-CU9959-PL
141117C001200	EFUSC	Yes	Yes	247-CU0318-PL
141117C001300	EFUSC	Yes	Yes	247-CU00108-PL
141117C001700	EFUSC	Yes	Yes	247-CU006-PL
141120B000400	EFUSC	Yes	Yes	247-CU0531-PL
141120B000500	EFUSC	Yes	Yes	247-CU9735-PL
141120B000600	EFUSC	Yes	Yes	247-CU9921-PL
141120B000700	EFUSC	Yes	Yes	247-CU9922-PL
141120B000800	EFUSC	Yes	Yes	247-CU9925-PL
141120B001000	EFUSC	Yes	Yes	247-CU9457-PL
141120B001100	EFUSC	Yes	Yes	247-CU00125-PL
141120B001200	EFUSC	Yes	Yes	247-CU00124-PL
141120B001400	EFUSC	Yes	Yes	247-CU0294-PL
141120B001600	EFUSC	Yes	Yes	247-CU0797-PL
141120B001800	EFUSC	Yes	Yes	247-CU9960-PL
141120B001900	EFUSC	Yes	Yes	247-16-000326-CU
141120B002000	EFUSC	Yes	Yes	247-CU0317-PL
141024D000100	F2	N	Required	
141120B000300	EFUSC	N	Required	
141120B001500	EFUSC	N	Required	
141120B001700	EFUSC	N	Required	
141024D007400	F2	Yes	Yes	247-CU0589-PL
141024D007500	F2	Yes	Yes	247-CU0756-PL
141024D007800	F2	Yes	Yes	247-CU0280-PL
141117C000600	EFUSC	Yes	Yes	247-CU9673-PL
141117C001100	EFUSC	Yes	Yes	247-CU9959-PL
141117C001200	EFUSC	Yes	Yes	247-CU0318-PL
141117C001300	EFUSC	Yes	Yes	247-CU00108-PL
141117C001700	EFUSC	Yes	Yes	247-CU006-PL
141120B000400	EFUSC	Yes	Yes	247-CU0531-PL

This LUCS should not be construed to approve a dwelling on any property where additional land use approval is necessary. All EFU and F2 properties attempting to establish residential uses must secure land use approval prior to development pursuant to DCC 18.16 or DCC 18.40.

This LUCS does not review or approve:

- A dwelling or land division on any property where additional land use approval is necessary[1],
- Any public utility facility necessary to deliver water to any property[2],
- Construction of buildings,
- Earthmoving or construction in floodplains,
- Earthmoving, construction, or vegetation changes in wetlands,
- Surface mining, and/or
- Other primary or accessory uses regulated by the Deschutes County Code

Each of the listed uses would require separate land use permits and/or building permits, which are not covered by this LUCS.

For more information, please contact the Deschutes County Planning Division at 541-388-6560 / planning@deschutes.org.

[1] Staff notes any dwelling on EFU or Forest zoned lands would require a separate land use approval.
[2] Staff notes the LUCS did not include any infrastructure plans.

TAXLOT	T	R	S	Q	PARCEL	MAPNUMBER	Water Right Proposal
141117C000100	14	11	17	C	100	141117C0000	Point of Appropriation Only
141117C000300	14	11	17	C	300	141117C0000	Place of Use Only
141117C000400	14	11	17	C	400	141117C0000	Place of Use Only
141117C000500	14	11	17	C	500	141117C0000	Place of Use Only
141117C000600	14	11	17	C	600	141117C0000	Place of Use Only
141117C001100	14	11	17	C	1100	141117C0000	Place of Use Only
141117C001200	14	11	17	C	1200	141117C0000	Place of Use Only
141117C001300	14	11	17	C	1300	141117C0000	Place of Use Only
141119C006500	14	11	19	C	6500	141119C0000	Place of Use Only
141119C006600	14	11	19	C	6600	141119C0000	Place of Use Only
141119C006700	14	11	19	C	6700	141119C0000	Place of Use Only
141119C006800	14	11	19	C	6800	141119C0000	Place of Use Only
141119C006900	14	11	19	C	6900	141119C0000	Place of Use Only
141119C007000	14	11	19	C	7000	141119C0000	Place of Use Only
141119C007100	14	11	19	C	7100	141119C0000	Place of Use Only
141119C007200	14	11	19	C	7200	141119C0000	Place of Use Only
141119C007300	14	11	19	C	7300	141119C0000	Place of Use Only
141119C007400	14	11	19	C	7400	141119C0000	Place of Use Only
141119C007500	14	11	19	C	7500	141119C0000	Place of Use Only
141119C007600	14	11	19	C	7600	141119C0000	Place of Use Only
141024D000100	14	10	24	D	100	141024D0000	Place of Use Only
141024D000200	14	10	24	D	200	141024D0000	Place of Use Only
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TAXLOT	T	R	S	Q	PARCEL	MAPNUMBER	Water Right Proposal
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141024D003800	14	10	24	D	3800	141024D0000	Place of Use Only
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141119A000200	14	11	19	A	200	141119A0000	Place of Use Only
141119A000300	14	11	19	A	300	141119A0000	Place of Use Only
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141119A000500	14	11	19	A	500	141119A0000	Place of Use Only
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141119B000200	14	11	19	B	200	141119B0000	Place of Use Only
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141119B000400	14	11	19	B	400	141119B0000	Place of Use Only
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TAXLOT	T	R	S	Q	PARCEL	MAPNUMBER	Water Right Proposal
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TAXLOT	T	R	S	Q	PARCEL	MAPNUMBER	Water Right Proposal
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141119C006100	14	11	19	C	6100	141119C0000	Place of Use Only

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141120B001700	14	11	20	B	1700	141120B0000	Place of Use Only
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Attachment C

Legal Description

Application for Groundwater Permit – Avion Water Company

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Oregon Water Resources Department

FORM M

FOR MUNICIPAL AND QUASI-MUNICIPAL WATER SUPPLIES

[Information needed to make findings related to ORS 537.153(3)(c)]

- Please supply the required information in the spaces provided below. If any section of this form is not applicable, please write N/A and provide an explanation why it does not apply.
- Do not attach reference documents. If there is a need, the Department will request them.
- Your signature is certification that identified information is contained in the reference document(s).
- If adequate space is not available on this form to describe and justify your request for additional water, attach additional pages as necessary.

Water Supplier Information

Please provide the following information related to the water supplier requesting additional water. It should be noted that the name of a water supplier is often different than the service area (*e.g., City of ABC and XYZ Urban Growth Boundary*).

Cities are not the only municipal corporation; many kinds of special districts are also allowed to purvey water. Applications requesting to use water for Quasi-Municipal use may be submitted by entities including, but not limited to, the following types of governance: a water association; private water company; or (*if under the articles of incorporation*) a broader corporation such as a destination resort. Please attach a copy of the article of incorporation related to your distribution of water.

Name of Water Supplier/Entity	Name of Service Area	Governance	Contact Person
Avion Water Co.	Squaw Creek Canyon Estates (SCCE)	Private	Jason Wick
List any water suppliers within the same service area and/or any self-supplied industrial user. (Attach an extra sheet, if necessary.) N/A			

Request for Additional Water

Briefly explain the reason(s) for your request for additional water (*e.g. loss of current supply, backup, emergency supply, peak demand, growth, or other*). Much of the information needed may be contained in your Water Management and Conservation Plan, Water System Master Plan, or Capital Improvement Plan (*as applicable*).

Reason(s) for the Request for Additional Water	Time Table for Development of the Additional Water	Justification for Water Source & Amount Requested
The annual volume of water use at SCCE exceeds initial estimates. Avion does not require a higher rate, in addition to that already authorized by permit G-18198 for the same wells, but does require an additional annual volume of water to meet demand.	5 years	

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Water Management and Conservation

- Do you have an approved Water Management and Conservation Plan? ☒ Yes ☐ No

Avion's current WMCP was approved September 12, 2011. Avion took over operation of the SCCE system in 2019. Avion will include a discussion of SCCE in its 2021 WMCP update.

- List the "In-Effect" date of your most recently approved Water Management and Conservation Plan: September 9, 2021

- Is your system fully metered? ☒ Yes ☐ No
- Do you perform annual water audits? ☒ Yes ☐ No
- Annual amount of water produced (MG): 38.3 *(diverted or appropriated)*
- Annual amount of water billed for (MG): 38.3 *(metered consumption)*
- Identify your system's current annual water loss: 0% *(difference between the amount of water produced and the water billed for)*
- Describe your rate structure and billing schedule: Fixed charge with a commodity rate *[e.g., commodity rate (uniform rate, declining or inverted block rate); fixed charge with a commodity rate; or a fixed charge and commodity rate using a seasonal differential.]*

Population

A supplier's population includes both permanent residential and transient populations. Residential population should be from census data or, if estimated, the method of estimation must be documented. Adopted comprehensive land use plans, water system master plans, or water management and conservation plans are examples of acceptable documentation. Transient populations are routine users of water by employers (*such as manufacturing or call center type facilities*) that increase the demand within a supplier's service area. Resort areas, regional airports, sea ports, areas with seasonally variable populations, and colleges/universities are also subject to this transient population test. Special events which are rare occasions (*such as parades, rodeos, festivals, etc.*) are not reasons to apply the transient population test.

Below, please indicate the current population to which you serve water, and cite the source of that information. Please also provide the historic population growth rate over the past 10 years and the projected population you anticipate serving in 20 years.

Present Population being Served:	**Source of Information**
468	2021 WMCP (188 service connections * US Census 2.49 persons per household in Deschutes County).
Historic population growth rate over the past 10 years:	**Source of Information**
6.2% average annual growth rate from 2016 to 2020.	Initial system information provided to Avion in 2016 identified 147 service connections. At the end of 2020, there were 188 service connections. Avion is not aware of the number of service connections prior to 2016.
Projected Population to be Served in 20 Years:	**Source of Estimate/Method Used**
580	2021 WMCP (233 service connections at buildout * US Census 2.49 persons per household in Deschutes County)

Current Water Supply

In the table below, please describe all of the sources of your current water supply inventory (*both active and inactive*). Identify those sources and associated water rights that are currently in use. Additionally, please identify any water sources/water rights that are not currently used, or used only on a seasonal or emergency basis, and describe the reason(s) why. If any portion of your water supply is being purchased, identify the supplying entity and, if possible, indicate the water source.

Water Source (Include any wholesale purchases of water)	**Water Right Numbers** (Permit and/or Certificate)	**Priority Date**	**Amount of Water Allowed**	**Actively Used?** (Yes or No) If "No," explain.
Well 1	Permit G-18198	2/12/2018	0.67 cfs, further limited to 62.0 acre feet/year	Available
Well 2				Available
Well 3				Yes

Is this application for a new water use permit intended to be used as a primary or backup source? Explain how this right will be used to meet current demand and/or how it will be used to increase reliability and resiliency?

This application is for the use of the same wells. Avion is not seeking to increase the maximum rate of appropriation from the 0.67 cfs rate already authorized by permit G-18198. Avion is only seeking to obtain access to additional volume.

Current Water Use

Describe the nature of your current demands for water, as well as the water sources used to meet those needs.

Current Demands for Water (Year: 2020)

Water Source (Including wholesale water purchases)	**Water Right Numbers** (Permit and/or Certificate)	**Peak or Maximum Demand**		**Average Demand**	
		Maximum Instantaneous Rate (in cfs or gpm)	Maximum Daily Demand (MG)	Average Daily Demand (MG)	Average Annual Demand (MG)
Well 1	Permit G-18198				
Well 2					
Well 3		0.67 cfs	0.20	0.11	38.3

- Per-capita daily demand (in gallons): 224 gpcd
  (Divide average annual water sales by population to arrive at consumption, and then divide by 365 to get daily values.)
- Peak season (by month/day): June 1 to September 30
- Peak Season number of hours diverted/pumped (if available): Estimated 8 hours average
- Peak season per-capita daily consumption (in gallons): 369 gpcd
  (Divide total peak season demand by population and the number of days during the peak.)
- Peaking Factor (ratio between max day demand and average day demand): 1.94

Projected Water Use

Describe your anticipated water demands for the next 20 years, and identify the sources of water (*existing and/or new*) that will be used to meet those demands. Please also describe the methodology and/or information source used to make the projected water demand estimates.

Projected Demands for Water in 20 Years (Year: 2040)

- Current average per capita demand (in gallons): 224 gpcd
- Projected population served in year (**2040**): 580
- Projected average annual demand (MG): 52.3
- Projected average daily demand (MG): 0.14
- Current peaking value: 1.94
- Projected maximum daily demand (MG): 0.24

Water Source (Including wholesale water purchases)	**Water Right Numbers** (Permit and/or Certificate) If a new water source, indicate so.	**Projected Peak Daily Demand**		**Projected Average Daily Demand**	
		Maximum Instantaneous Rate (in cfs or gpm)	Maximum Daily Demand (MG)	Average Daily Demand (MG)	Average Annual Demand (MG)
Well 1	Permit G-18198	0.67 cfs	0.24	0.14	52.3
Well 2					
Well 3					

Source or Methodology Used for Demand Projections:

Demand projections assume buildout of 233 service connections. Water demand is projected to increase proportionally with number of service connections. Avion added an additional 10 percent margin to the annual volume to account for potential increases in the length of the growing season due to climate change. Avion did not assume that the 0.67 cfs rate would increase, as demands can be met at the same rate pumping for more hours per day.

Describe any issues, deficiencies or limitations associated with your current water supply inventory contributing to the need to acquire additional water in order to satisfy your current and/or projected 20-year demands:

Avion relied on water sales data provided by the previous operator of the system to evaluate potential demand at buildout when applying for permit G-18198. Over the past three years, Avion has replaced all customer meters and new data show a significant discrepancy compared to the data provided by the previous operator of the system. The operation of the system is not expected to change in the future—Avion still plans to operate at a maximum rate of 0.67 cfs, but Avion expects wells to pump for longer durations. This new permit would provide volume that is additive to permit G-18198, but the maximum rate of pumping would be jointly limited with permit G-18198.

Annual Water Use by Type

In the table below, list the quantity of water diverted for each type of water use and the percentage of the total diversion associated with that use type:

Type	Current Use		Use In 20 Years	
	Quantity Diverted:	Percentage of Total Diversion:	Projected Quantity to be Diverted:	Percentage of Total Diversion:
Residential:	38.3	100%	52.3	100%
Commercial:				
Institutional[1]:				
Agricultural[2]:				
Industrial:				
Other: (specify use)				
System Water Loss:				
Total Diverted:	38.3		52.3	

[1]: Institution use includes water served to hospitals, federal, state, or municipal connections, and school districts.
[2]: Agricultural use includes any type of customer with a service connection dedicated for the raising of livestock or edible or non-edible crops.

Parcel 1 Continued
thence North 89° 59' 02" West 2637.23 feet; thence South 00° 13' 28" West 1321.62 feet; thence South 89° 59' 20" West 1320.28 feet; thence South 00° 09' 05" West 2668.34 feet; thence North 89° 40' 55" West 1313.67 feet; thence North 2661.13 feet; thence South 89° 08' 15" West 1314.74 feet; thence South 00° 26' 00" East 1315.90 feet; thence South 89° 33' 00" West 1308.48 feet; thence South 00° 41' 20" East 1308.75 feet to the point of beginning, being a portion of Sections 24 and 25, Township 14 South, Range 10 East Willamette Meridian and Sections 17, 19 and 20, Township 14 South, Range 11 East Willamette Meridian, Deschutes County, Oregon.

EXCEPTING THEREFROM any portion of the above described premises lying within the boundaries of Squaw Creek Canyon Recreational Estates and Squaw Creek Canyon Recreational Estates First Addition.

PARCEL 2: In Township Fourteen (14) South, Range Eleven (11) East Willamette Meridian, Deschutes County, Oregon

Section 20: North Half of the Northeast Quarter (N 1/2 NE 1/4) and part of the North Half of the Northwest Quarter (N 1/2 NW 1/4) lying South of the land conveyed to Alfred B. Ramsey and Mae E. Ramsey, Husband and Wife, by deed recorded December 28, 1967 in Volume 156, Page 363, Deed Records of Deschutes County, also, the Southeast Quarter of the Northwest Quarter (SE¼NW¼).

Section 17: Part of the South Half of the Southeast Quarter (S 1/2 SE 1/4) and the Southeast Quarter of the Southwest Quarter (SE 1/4 SW 1/4) lying South of the land conveyed to Alfred B. Ramsey and Mae E. Ramsey, Husband and Wife, by deed recorded December 28, 1967 in Volume 156, Page 363 Deed Records. Also, the South Half of the Southwest Quarter (S½SW¼) lying northwest of Squaw Creek Canyon Recreational Estates.
Section 21: The Northwest Quarter of the Northwest Quarter (NW 1/4 NW 1/4) containing 241 acres, more or less.

EXCEPTING THEREFROM any portion of the above described premises lying within the boundaries of Squaw Creek Canyon Recreational Estates and Squaw Creek Canyon Recreational Estates First Addition.

PARCEL 3: Township Fourteen (14) South, Range Eleven (11) East Willamette Meridian, Deschutes County, Oregon

Section 19: Part of the North Half of the Southeast Quarter (N 1/2 SE 1/4), the Northeast Quarter of the Southwest Quarter (NE 1/4 SW 1/4) and the Southeast Quarter of the Northeast Quarter (SE 1/4 NE 1/4) lying South of Squaw Creek Canyon Recreational Estates, more fully described in the Deed recorded April 15, 1968 in Volume 157, Page 602, Deed Records. Also, the East Half of the Northeast Quarter (E½NE¼) lying northwest of Squaw Creek Canyon Recreational Estates First Addition
Section 20: Southeast Quarter of the Northwest Quarter (SE 1/4 NW 1/4), North Half of the Southwest Quarter (N 1/2 SW 1/4) and the Northwest Quarter of the Southeast Quarter (NW 1/4 SE 1/4).

CONTINUED

Quitclaim
EXHIBIT A to ~~Bargain and Sale~~ Deed
PAGE 2 OF 4

Attachment D

Well Logs

Application for Groundwater Permit – Avion Water Company

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

DESC 58167
08-12-2007

WELL LABEL # L 91141

START CARD # 1001485

(1) LAND OWNER

Owner Well I.D.

First Name RON Last Name REMUND

Company

Address PO BOX 760

City SISTERS State OR Zip 97759

(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/ Commericial ☐ Livestock ☐ Dewatering ☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 844.00 ft.

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/ lbs
14	0	96	Cement	0	96	77	S
10	96	670					
9.5	670	844					

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E

☐ Other

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
◉	○	10	☒	2	98	.250	◉	○	☒	☐
○	◉	8	☐	0	804	.188	◉	○	☒	☐
○	◉	8	☐	804	844	.250	◉	○	☒	☐
○	○		☐				○	○	☐	☐
○	○		☐				○	○	☐	☐

Shoe ☒ Inside ☐ Outside ☐ Other Location of shoe(s)

Temp casing ☐ Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method Air Perf

Screens Type Material

Perf/ Screen	Casing/ Screen Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Perf	Liner	8	780	840	.125	2	1,620	

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

◉ Pump ○ Bailer ○ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
250	4	800	6

Temperature 53 °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 14.00 S N/S Range 11.00 E E/W WM

Sec 17 SW 1/4 of the SW 1/4 Tax Lot 2017

Tax Map Number Lot

Lat ° ' " or 44.35235000 DMS or DD

Long ° ' " or -121.45120000 DMS or DD

○ Street address of well ○ Nearest address

MT WEIW RD

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening				
Completed Well	08-01-2007			520

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found 616

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
07-28-2007	616	628	50			520
08-28-2007	680	686	100			520
08-29-2007	739	844	300			520

(11) WELL LOG

Ground Elevation

Material	From	To
Sand Pumice Lava Broken	0	5
Cinders	5	20
Lava Gray	20	46
Cinders Red	46	56
Conglomerate Gravels Brown	56	75
Basalt Clay Seams Gray	75	90
Basalt Clay Seams Brown	90	150
Basalt	150	185
Gravels Sand	185	205
Conglomerate	205	255
Basalt	255	260
Lava Crevices	260	275
Lava	275	305
Sandstone Brown	305	345
Cinders Lava Broken Red	345	365
Gravels Sand	365	385
Clay Brown	385	420
Lost Circ	420	430
Clay Red Brown	430	460

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JUN 17 2021
OWRD

Date Started 07-13-2007 Completed 08-01-2007

(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 08-12-2007

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 08-12-2007

Electronically Filed

Signed JACK ABBAS (E-filed)

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version: 0.88

(5) BORE HOLE CONSTRUCTION

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/ lbs

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Screen Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

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

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

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

Water Bearing Zones

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(11) WELL LOG

Material	From	To
Sandstone	460	485
Basalt	485	495
Lava Broken Layers	495	520
Conglomerate	520	555
Lava Clay Seams	555	590
Crevices Hard	590	616
Lava Broken Caving	616	628
Soft	628	655
Hard	655	680
Cinders Red Lava	680	686
Lava Gray	686	700
Sandstone	700	739
Basalt Clay Seams	739	754
Cinders Basalt Black	754	788
Lava Hard	788	799
Cinders Lava Red	799	807
Basalt Vesicular	807	844

Comments/Remarks

2 yards sand grout 120 feet - 185 feet
4 1/2 yards sand grout 190 feet - 430 feet
2 yards sand grout 435 feet - 480 feet
4 yards sand grout 370 feet - 440 feet
3 yards sand grout 440 feet - 500 feet
4 yards sand grout 400 feet - 530 feet

STATE OF OREGON

Water Supply Well Report

(as required by ORS 537.765)

DESC53193

Received Date:

Well ID Tag # L 42966

Start Card # 128830

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

(1) Owner

Well Number:

Name: RON REMUND

Street: PO BOX 760

City: SISTERS State:OR Zip Code: 97759

(2) Type of Work

[X] New [ ] Alter (Recondition) [ ] Alter (Repair)

[ ] Deepening [ ] Abandonment

(3) Drill Method

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger

Other:

(4) Proposed Use

[X] Domestic [ ] Community [ ] Industrial [ ] Irrigation [ ] Injection

[ ] Livestock [ ] Thermal Other:

(5) Bore Hole Construction

[ ] Special Standards: Depth of completed well: 605.00 ft.

[ ] Explosives Used: Amount: Type:

Hole			Seal			
Diameter	From	To	Mtrl	From	To	Sacks/lbs
12.00	0.00	78.00	CE	0.00	78.00	4512
8.00	78.00	605.00				

How was seal placed? C Other:

Back fill placed from: Material:

Filter pack from: Size:

(6) Casing / Liner

Csng/ Liner	Diameter	From	To	Gauge	Mtrl	Weld	Thrd	Shoe at	Shoe used
C	8.00	2.00	78.00	.250	S	X			
L	6.00	-5.00	600.00	.188	S	X			

(7) Perforation / Screens

Perforations:

Mtrl	From	To	Width	Height	#Slots	Dia.	t/pSize	Csng/ Lnr	Method
S	585.00	605.00	0.13	3.00	216	6.00		L	MACHINE

Screens:

Mtrl	From	To	S Size	#Slots	Dia.	t/pSize	Type	Gauge

(8) Well Tests (Minimum testing time is one hour)

Type	Yield	Units	Drawdown	Stem at	Duration
A	10.00	G		600.00	1.00

Temperature of Water: 63 F

Was water analysis done? [ ] Depth of artesian flow:

by whom?

Did any strata contain water unsuitable for use? [ ] Too Little [ ] Salty

[ ] Muddy [ ] Odor [ ] Colored other:

Depth of strata:

(9) Location of Hole by legal description

County: DESC Latitude: Longitude:

Township: 14.00 S Range: 11.00 E

Section: 17 SWSW Lot: Block:

Tax Lot: 2017 Subdivision:

Street Address of Well (or nearest address):

MNT VIEW RD

MAP, with location identified, must be attached.

(10) Static Water Level

Feet below land surface: 498.0 Date: 07 / 14 / 2000

Artesian Pressure: Date:

(11) Water Bearing Zones

Depth at which water was first found: 590.00 ft.

From	To	est Flow	swl
590.00	605.00	10.00	498

(12) Well Log

Ground Elevation:

Material	From	To	swl
LOAM BROKEN LAVA	0.00	3.00	
LAVA BROWN	3.00	10.00	
LAVA GRAY FRAC LAYERS	10.00	42.00	
CINDERS RED	42.00	51.00	
LAVA RED	51.00	70.00	
SANDSTONE	70.00	88.00	
SAND BRN FINE GRAVELS	88.00	104.00	
SANDSTONE	104.00	175.00	
LAVA BROWN	175.00	235.00	
SANDSTONE CONGLOMERATE	235.00	260.00	
LAVA BROWN GRAY LAYERS	260.00	335.00	
LAVA RED/CINDERS	335.00	350.00	
LAVA BROWN	350.00	475.00	
LAVA GRAY	475.00	525.00	
LAVA SOFT	525.00	540.00	
SANDSTONE CINDERS	540.00	588.00	
LAVA/BASALT BROKEN	588.00	605.00	498

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JUN 17 2021

OWRD

Date Started: 07 / 12 / 2000 Date Completed: 07 / 14 / 2000

(unbonded) Water Well Constructor Certification:

I certify that the work I perform 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 the best knowledge and belief.

Signed by: THOMAS R PECK WWC #:758

(bonded) Water Well Constructor Certification:

I accept responsibility for the constuction, 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 by: JACK ABBAS WWC #: 1720

ABBAS WELL DRILLING CO Phone: 541-548-2787

DESC 58039

Amendment

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

DESC 58039

06-05-2007

WELL LABEL # L 42966

START CARD # 1001144

(1) LAND OWNER

Owner Well I.D.

First Name RON Last Name REMUND

Company

Address PO BOX 760

City SISTERS State OR Zip 97759

(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/ Commericial ☐ Livestock ☐ Dewatering ☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ Attach copy

Depth of Completed Well 690.00 ft.

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/ lbs
6	605	690					

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

☐ Other

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

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)

Temp casing ☐ Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type Material

Perf/ Screen	Casing/ Screen Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

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

○ Pump ○ Bailer ◉ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
20		690	1

Temperature 53 °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 14.00 S N/S Range 11.00 E E/W WM

Sec 17 SW 1/4 of the SW 1/4 Tax Lot 2017

Tax Map Number Lot

Lat ° 0 ' " or DMS or DD

Long ° 0 ' " or DMS or DD

◉ Street address of well ○ Nearest address

MNT VEIW RD

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well/Predeepening				496
Completed Well	06-04-2007			498

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
06-04-2007	605	690	20			498

(11) WELL LOG

Ground Elevation

Material	From	To
LAVA BASALT BROKEN	605	615
FRACTURED BASALT	615	627
BROWN CONGLOMERATE	627	642
RED SANDSTONE CONGLOMERATE	642	664
FRACTURED BASALT GRAY	664	690

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WATER RESOURCES DEPT

SALEM, OREGON

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JUN 17 2021

OWRD

Date Started 06-04-2007 Completed 06-04-2007

(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 1852 Date 06-05-2007

Electronically Filed

Signed JEB W ABBAS (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 06-05-2007

Electronically Filed

Signed JACK ABBAS (E-filed)

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version: 0.88

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

DESC 59678

5/7/2013

WELL I.D. LABEL# 1 42967
START CARD # 1019198
ORIGINAL LOG # DESCHUTES 53194

(1) LAND OWNER
Owner Well I.D.
First Name RON Last Name REMUND
Company
Address PO BOX 760
City SISTERS State OR Zip 97759

(2) TYPE OF WORK
☐ New Well ☒ Deepening ☐ Conversion ☐ Alteration (complete 2a & 10) ☐ Abandonment(complete 5a)

(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:	8	☒	2	138	.250	◉	○	☒	☐

	Material	From	To	Amt	sacks/lbs
Seal:	Cement	0	138	5700	Pounds

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

(4) PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Community ☐ Industrial/ Commericial ☐ Livestock ☐ Dewatering ☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION
Special Standard ☐ (Attach copy)
Depth of Completed Well 750.00 ft.

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/lbs
8	0	750					

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

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
○	◉	6	☐	2	750	.188	◉	○	☒	☐

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)
Temp casing ☐ Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method MACHINE
Screens Type Material

Perf/ Screen	Casing/ Screen Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Perf	Liner	6	710	750	.125	3	456	

(8) WELL TESTS: Minimum testing time is 1 hour
○ Pump ○ Bailer ◉ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
200		750	2

Temperature 54 °F Lab analysis ☐ Yes By
Water quality concerns? ☐ Yes (describe below) TDS amount

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
County DESCHUTES Twp 14.00 S N/S Range 11.00 E E/W WM
Sec 17 SW 1/4 of the SW 1/4 Tax Lot 2017
Tax Map Number Lot
Lat ° ' " or DMS or DD
Long ° ' " or DMS or DD
○ Street address of well ◉ Nearest address
MT VIEW RD

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration	4/25/2013			525
Completed Well	5/2/2013			525

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found 626.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
4/29/2013	626	750	200			525

(11) WELL LOG
Ground Elevation

Material	From	To
NONE	0	626
LAVA BASALT BROKEN	626	705
SANDSTONE	705	725
BASALT BROKEN	725	750

RECEIVED
JUN 17 2021
OWRD

Date Started 4/25/2013 Complete 5/2/2013

(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 5/7/2013
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 5/7/2013
Signed JACK ABBAS (E-filed)
Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

Amendment DESC 53194

STATE OF OREGON

Water Supply Well Report

(as required by ORS 537.765)

DESC

Received Date:

Well ID Tag # L 4296 7

Start Card # 129831

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

(1) Owner

Well Number:

Name: RON REMUND

Street: PO BOX 760

City: SISTERS State:OR Zip Code: 97759

(2) Type of Work

[X] New [ ] Alter (Recondition) [ ] Alter (Repair)

[ ] Deepening [ ] Abandonment

(3) Drill Method

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger

Other:

(4) Proposed Use

[X] Domestic [ ] Community [ ] Industrial [ ] Irrigation [ ] Injection

[ ] Livestock [ ] Thermal Other:

(5) Bore Hole Construction

[ ] Special Standards: Depth of completed well: 621.00 ft.

[ ] Explosives Used: Amount: Type

Hole Diameter	From	To	Seal Mtrl	From	To	Sacks/lbs
12	0	138	CE	0	138	5700
8	138	626				

How was seal placed? C Other:

Back fill placed from: Material:

Filter pack from: Size:

(6) Casing / Liner

Casing/ Liner	Diameter	From	To	Gauge	Mtrl	Weld	Thrd	Shoe at	Shoe used
C	8	2	138	.250	S	X			
L	6	-5	626	.188	S	X			

(7) Perforation / Screens

Perforations:

Mtrl	From	To	Width	Height	#Slots	Dia.	Typ Size	Casng/ Lnr.	Method
S	595	625	0.125	3.00	432	6		L	MACHINE

Screens:

Mtrl	From	To	S Size	#Slots	Dia.	Typ Size	Type	Gauge

(8) Well Tests (Minimum testing time is one hour)

Type	Yield	Units	Drawdown	Stem at	Duration
A	2000	G		620	1.00

Temperature of Water: 53.00 F

Was water analysis done? [ ] Depth of artesian flow

by whom?

Did any strata contain water unsuitable for use? [X] Too Little [ ] Salty

[ ] Muddy [ ] Odor [ ] Colored other:

Depth of strata:

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(9) Location of Hole by legal description

County: DESC Latitude: Longitude

Township: 14.00 S Range: 11.00 E

Section: 17 SWSW Lot: Block:

Tax Lot: 2017 Subdivision:

Street Address of Well (or nearest address):
MNT VIEW RD

MAP, with location identified, must be attached.

(10) Static Water Level

Feet below land surface 601.00 Date: 07 / 20 / 2000

Artesian Pressure: Date:

(11) Water Bearing Zones

Depth at which water was first found: 590.00 ft.

From	To	est Flow	swl	
590	625	20 GPM	.501	

(12) Well Log

Ground Elevation:

Material	From	To	swl
BROKEN LAVA LOAM	0	3	
LAVA BROWN FRAC LAYERS	43	3	
RED LAVA/CINDERS	43	55	
SANDSTONE	55	95	
LAVA BROWN GRAY LAYERS	95	190	
LAVA BROWN	190	220	
SANDSTOEN BROWN	220	228	
LAVA BROWN	228	345	
LAVA RED/CINDERS	345	460	
LAVA HARD	460	490	
LAVA BROWN	490	508	
LAVA/BASALT	508	542	
LAVA RED	542	551	
SANDSTONE	551	585	
LAVA/BASALT BROKEN	585	625	601

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Date Started: 07 / 17 / 2000 Date Completed: 07 / 20 / 2000

(unbonded) Water Well Constructor Certification:

I certify that the work I perform 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 the best knowledge and belief.

Signed by: THOMAS R PECK MWC # 760

(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 by: JACK ABBAS MWC #: 1720

ABBAS WELL DRILLING CO Phone: 541-548-2787

DESC 53194

STATE OF OREGON
Water Supply Well Report
(as required by ORS 537.765)

DESC

Received Date:
Well ID Tag # L
Start Card # 128831

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

(1) Owner
Well Number
Name: RON REMUND
Street: PO BOX 760
City: SISTERS State: OR Zip Code: 97759

(2) Type of Work
[X] New [ ] Alter (Recondition) [ ] Alter (Repair)
[ ] Deepening [ ] Abandonment

(3) Drill Method
[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger
Other:

(4) Proposed Use
[X] Domestic [ ] Community [ ] Industrial [ ] Irrigation [ ] Injection
[ ] Livestock [ ] Thermal Other:

(5) Bore Hole Construction
[ ] Special Standards: Depth of completed well 621.00 ft.
[ ] Explosives Used Amount Type:

Hole Diameter	From	To	Seal Mtrl	From	To	Sacks/lbs
12	0	138	CE	0	138	5700
8	138	625				

How was seal placed? C Other:
Back fill placed from: Material:
Filter pack from: Size:

(6) Casing / Liner

Csng/ Liner	Diameter	From	To	Gauge	Mtrl	Weld	Thrd	Shoe at	Shoe used
C	8	2	138	.250	S	X			
L	6	-5	625	.188	S	X			

(7) Perforation / Screens

Perforations:

Mtrl	From	To	Width	Height	#Slots	Dia.	UpSize	Csng/ Lnr	Method
S	585	625	0.125	3.00	432	6		L	MACHINE

Screens:

Mtrl	From	To	S Size	#Slots	Dia.	UpSize	Type	Gauge

(8) Well Tests (Minimum testing time is one hour)

Type	Yield	Units	Drawdown	Stem at	Duration
A	40.00	G		620	1.00

Temperature of Water: 53.00 F
Was water analysis done? [ ] Depth of artesian flow:
by whom?
Did any strata contain water unsuitable for use? [ ] Too Little [ ] Salty
[ ] Muddy [ ] Odor [ ] Colored other:
Depth of strata:

(9) Location of Hole by legal description
County DESC Latitude: Longitude:
Township 14.00 S Range 11.00 E
Section 17 SWSW Lot: Block:
Tax Lot: 2017 Subdivision:
Street Address of Well (or nearest address):
MNT VIEW RD
MAP, with location identified, must be attached.

(10) Static Water Level
Feet below land surface: 601.00 Date: 07 / 20 / 2000
Artesian Pressure: Date:

(11) Water Bearing Zones
Depth at which water was first found: 590.00 ft.

From	To	est Flow	swl

(12) Well Log
Ground Elevation:

Material	From	To	swl
BROKEN LAVA LOAM	0	3	
LAVA BROWN FRAC LAYERS	43	3	
RED LAVA/CINDERS	43	55	
SANDSTONE	55	95	
LAVA BROWN GRAY LAYERS	95	190	
LAVA BROWN	190	220	
SANDSTOEN BROWN	220	228	
LAVA BROWN	228	345	
LAVA RED/CINDERS	345	460	
LAVA HARD	460	490	
LAVA BROWN	490	509	
LAVA/BASALT	509	542	
LAVA RED	542	551	
SANDSTONE	551	585	
LAVA/BASALT BROKEN	585	625	601

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Date Started 07 / 17 / 2000 Date Completed: 07 / 20 / 2000

(unbonded) Water Well Constructor Certification:
I certify that the work I perform 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 the best knowledge and belief.
Signed by: THOMAS R PECK MWC # 752

(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 by: JACK ABBAS MWC # 1720
ABBAS WELL DRILLING CO Phone 541-548-2787

Attachment E

Form M

Application for Groundwater Permit – Avion Water Company

Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.140)

Include this checklist with the application

Check that each of the following items is included. The application will be returned if all required items are not included. If you have questions, please call the Water Rights Customer Service Group at (503) 986-0900.

Please submit the original application and signatures to the Water Resources Department. Applicants are encouraged to keep a copy of the completed application.

- ☒ SECTION 1: Applicant Information and Signature
- ☒ SECTION 2: Property Ownership
- ☒ SECTION 3: Well Development
- ☒ SECTION 4: Sensitive, Threatened or Endangered Fish Species Public Interest Information
- ☒ SECTION 5: Water Use
- ☒ SECTION 6: Water Management
- ☒ SECTION 7: Project Schedule
- ☒ SECTION 8: Resource Protection
- ☒ SECTION 9: Within a District
- ☒ SECTION 10: Remarks

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Include the following additional items:

- ☒ Land Use Information Form with approval and signature of local planning department (*must be an original*) or signed receipt. **(Attachment B)**
- ☒ Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map. **(Attachment C)**
- ☒ Fees - Amount enclosed: $ 2,910
  See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.
- ☒ Map that includes the following items: **(Attachment A): Please note, map has been revised to reflect land use advice from Deschutes County planning.**
  - ☒ Permanent quality and drawn in ink
  - ☒ Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
  - ☒ North Directional Symbol
  - ☒ Township, Range, Section, Quarter/Quarter, Tax Lots
  - ☒ Reference corner on map
  - ☒ Location of each diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
  - ☒ Indicate the area of use by Quarter/Quarter and tax lot identified clearly.
  - ☒ Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
  - ☒ Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)

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GSI Water Solutions, Inc.

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OWRD

June 17, 2021

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

To whom it may concern:

Please find enclosed a check in the amount of $2,910 for payment of the application fee for a groundwater permit application submitted on behalf of Avion Water Company Inc. The application has been assigned temporary application number **CM-15**. See the attached email requesting payment.

Please contact me at 541-257-9005 if you have any questions or need additional information.

Sincerely,
GSI Water Solutions, Inc.

Owen McMurtrey

Owen McMurtrey
Water Resources Consultant

Cc: Jason Wick, Avion Water Company

Enclosures

Owen McMurtrey

From: OWRD Submit WR App* WRD <OWRD.SubmitWRApp@oregon.gov>
Sent: Thursday, June 17, 2021 11:42 AM
To: Owen McMurtrey; OWRD Submit WR App* WRD
Cc: Adam Sussman; Trevor Grandy; Adam Jackson; Jason Wick
Subject: RE: Groundwater Permit Application for Avion Water Company

Owen,

Thank you for submitting the application electronically. Everything looks good from a completion stand point. I have assigned this application a temporary number of CM-15. I have also attached a snippet of the Fee Calculator for the submitted application, if you agree with the fees please send a check and reference CM-15. Once fees have been received, I'll enter the application into our system and assign it a caseworker.

Today's Date: Thursday, June 17, 2021

Base Application Fee.
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *
Number of proposed groundwater points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **
Permit Recording Fee. ***
* the 1st Water Use is included in the base cost. ** the 1st groundwater point of appropriation is included in the base cost. *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is is not paid prior to issuance of the Final Order, permit issuance will be delayed.
Estimated cost of Permit Application

Thank you, Cory Middleton
Customer Service Representative
Oregon Water Resources Department
725 Summer St. NE Suite A
Salem, OR 97301
503-986-0801

OREGON WATER RESOURCES DEPARTMENT

Integrity | Service | Technical Excellence | Teamwork | Forward-Looking

From: Owen McMurtrey <OMcMurtrey@gsiws.com>
Sent: Thursday, June 17, 2021 11:32 AM
To: OWRD Submit WR App* WRD <OWRD.SubmitWRApp@oregon.gov>
Cc: Adam Sussman <asussman@gsiws.com>; Trevor Grandy <tgrandy@gsiws.com>; Adam Jackson <Adam@avionwater.com>; Jason Wick <jason@avionwater.com>
Subject: Groundwater Permit Application for Avion Water Company

To whom it may concern,

GSI Water Solutions, Inc. is electronically submitting the attached application for a permit to use groundwater on behalf of Avion Water Company. The permit application fee of $2,910 will be mailed to OWRD when we receive a temporary number for this application.

Please let me know if you have any questions about the application.

Thanks,

Owen McMurtrey
Water Resources Consultant
direct: 541.257.9005 | mobile: 541.740.5619
1600 SW Western Boulevard, Suite 240, Corvallis, OR 97333
GSI Water Solutions, Inc. | www.gsiws.com
Please note: GSI is open for business, although most of us are working remotely. I'm available by phone or email, as always.

GSI
Water Solutions, Inc.

June 10, 2021

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JUN 17 2021
OWRD

Alyssa Mucken
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

Re: Application for a Permit to Appropriate Groundwater in the name of Avion Water Company Inc.

Dear Alyssa,

Please find enclosed a permit application submitted on behalf of Avion Water Company Inc. to appropriate groundwater from 3 wells for quasi-municipal use at Squaw Creek Canyon Estates. The applicant is requesting to appropriate groundwater at a rate of up to 0.67 cfs and an annual volume of up to 98 acre-feet. The maximum rate of 0.67 cfs will be *jointly limited* with 0.67 cfs already authorized under Permit G-18198. Also enclosed is the required fee of $2,910, which was calculated as follows:

$1,340 - Base Fee
$350 - Rate Fee of $350 for a rate of less than 1 cfs
$700 Fee for each additional well after the 1st ($350 x 2)
$520 – Permit Recording Fee
Total = $2,910

Please note that Attachment B, the map shown with the Land Use Information Form and accompanying memorandum from Deschutes County Community Development (Deschutes County) is the map submitted with the Land Use Information Form. Based on Deschutes County's land use review, the application map (Attachment A) has been modified to remove parcels that lack current residential land use approvals.

Please contact me at 541-257-9005 if you have any questions or need additional information.

Sincerely,
GSI Water Solutions, Inc.

Owen McMurtrey

Owen McMurtrey
Water Resources Consultant

Cc: Jason Wick, Avion Water Company

Enclosures

Oregon
Kate Brown, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904

July 6, 2021

Dear Applicant:

The Oregon Water Resources Department has received your groundwater application for a water use permit. Your application has been assigned file number **G -19169.** Please refer to this number when contacting the Department. Should you have any questions about your application, please contact the following Water Rights Specialist assigned to your application:

Lisa Graham, Water Rights Specialist	Phone: 503-986-0808
	Email: elisabeth.a.graham@oregon.gov

A description of the steps that are used for processing a water right application are shown on the reverse side of this letter.

The first step in the water rights process is the completion of a groundwater review by the Department. This review can take approximately 6-9 months to complete, sometimes longer. Once the groundwater review is completed, you will receive a copy of an Initial Review that summarizes the Department's preliminary determinations. Copies of the Proposed Final Order and Final Order will also be mailed to you.

Please note that your application is subject to review and comment from other state agencies and interested parties.

Sincerely,

C. Middleton

Cory Middleton
Customer Service Representative
Oregon Water Resources Department

cc: File
Owen McMurtrey, GSI Water Solutions, Agent.

Water-Use Permit Application Processing Steps

Oregon Water Resources Department

1. **Initial Review**

   The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus $260. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

2. **Public Notice**

   Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

3. **Proposed Final Order Issued**

   The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the Initial Review, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

4. **Public Notice**

   Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is $410.00 for the applicant and $810.00 for non-applicants. Protests are filed on approximately 10 percent of Proposed Final Orders. If a protest is filed the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

5. **Final Order Issued**

   If no protests are filed, the Department can issue a Final Order within 60 days of the close of the period for receiving protest. If the application is approved, a permit is issued. The permit will specify the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.