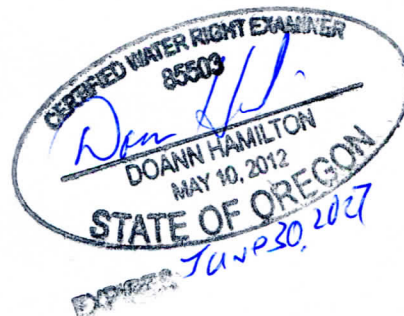


15333 Pletzer Rd. SE
Turner, Oregon 97392
(503) 931-0210 Phone



Memo

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JAN 15, 2026
OWRD



To: Oregon Water Resources Department / Nick Reece
From: Doann Hamilton, CWRE
CC:
Date: January 15, 2026
Re: Application G-19428.

The initial review (IR) was issued January 2, 2026 for our client Warren and Jody Haury, Application G-19428, to deny citing three issues:

1. Water was not available at the requested rate of 1.48 cfs (664 gpm)
2. Wells triggered the Potential for Substantial Interference (PSI)
3. The application map needed to be revised to show the mainlines

Upon reviewing numerous well logs in the area and consulting with our client, several changes have been made to the application in hopes for a more favorable review.

1. To address the water availability:

Upon reviewing the depths of irrigation wells in the area and their reported pumping rates as compared with the many domestic wells, we have determined a well drilled deeper than originally proposed (325 feet) and constructed as an irrigation well (i.e., with a casing diameter, etc., appropriate for a higher capacity well) could result in higher yield.

Example of wells within one mile of proposed wells										
T	R	S	QQ	Well Log		Source	Total Depth	Rate gpm	Use	comment
8S	2W	1	SWNE	MARI	9191	Basalt	630	600	IR	Cert 65630 (309 gpm allowed), Cert 87698 (0.13 cfs allowed)
8S	1W	5	NWNE	MARI	38	Basalt	575	350	IR	
Example of wells within two miles of proposed wells										
T	R	S	QQ	Well Log		Source	Total Depth	Rate gpm	Use	comment
8S	2W	1	NENE	MARI	57138	Basalt	139	110	Dom	Cert 80409 (0.775 cfs allowed)

8S	2W	1	NWNW	MARI	51649	Basalt	360	400	IR	Altered MARI 68554 - Cert 77018 - 0.70 cfs allowed
8S	2W	1	NWSE	MARI	9193	Basalt	395	300	IR	Deepening 341-540
8S	1W	5	SWSW	MARI	8615	Basalt - Sandstone	540	300	IR	
8S	1W	6	NWSE	MARI	8630	Basalt	114	600	Dom	

Our client has agreed to change the construction of the well:

- a. To a proposed depth of 450 to 600 feet bls, depending on the water source availability.
- b. The wells will be cased and sealed to no less than 325 feet, with final depth of casing and seal determined based on lithology encountered at or below that depth.
- c. The requested rate will be reduced to 0.67 cfs (300 gpm), this rate being from one well only. If the one well cannot produce this rate, the second well will be drilled. The total rate between both wells will only be 300 gpm.

2. To address PSI:

We noted in the groundwater review issued June 18, 2025 on page 7 item C2 comment stated:

"The perennial stream to the southwest is incised down to at least ~225 ft amsl 1 mile of the POA based on LIDAR. To get below that and prevent hydraulic connection, the casing and seal of the POA would need to be at least ~325 ft bls, which is deeper than the propose total depth."

- a. We believe the construction revisions noted above, according to the groundwater review, should resolve PSI.
- b. But, as an additional measure, the applicant has agreed to move proposed Well 1 approximately 50 feet south to located it more than 1 mile from the Pudding River in order to completely avoid PSI with the Pudding River and its associated in-stream water right.

3. While addressing the mainlines:

Our client has chosen remove the acres on the east side of State Street reducing the acres to 103.3

It is our understanding these changes will require a new groundwater review costing an additional \$615 to process.

Attached are the revisions to:

1. Application:
 - a. Change in the location of proposed Well 1
 - b. Requesting a lower rate of 0.67 cfs
 - c. Change in well construction, casing and sealing to 325 feet
2. Map
 - a. Showing the new location of proposed Well 1
 - b. Showing the proposed mainlines
3. And a check for \$615

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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, 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).*

NA

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.

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
WELL 1	SOUTH FORK PUDDING RIVER	approximately 2,450 feet	approximately 80 feet
	TRIBUTARY TO SOUTH FORK PUDDING RIVER	approximately 1,250 feet	approximately 215 feet
	PUDDING RIVER	approximately 5,300 feet	approximately 165 feet
WELL 2	SOUTH FORK PUDDING RIVER	approximately 2,200 feet	approximately 40 feet
	TRIBUTARY TO SOUTH FORK PUDDING RIVER	approximately 1,650 feet	approximately 220 feet
	PUDDING RIVER	approximately 5,650 feet	approximately 170 feet

Revised
1-15-26
JH

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).*

Well specifications provided in the table below are estimates and subject to change based on actual conditions encountered in the field. The objective will be to construct the well to develop water from the basalt aquifer.

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SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: **0.67 CFS** (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.

Revised 1-15-2026

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)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
WELL 1	☒	☐	NA	☐	8 INCH	~0 TO 325	TBD	~0 TO 325	NA	BASALT	450-600		
WELL 2	☒	☐	NA	☐	8 INCH	~0 TO 325	TBD	~0 TO 325	NA	BASALT	450-600		
	☐	☐		☐									
	☐	☐		☐						TOTAL:		300 GPM	258.25 AF
	☐	☐		☐									

Well depth: Between 450 to 600 feet, depending on water availability.

Well rate: Requested at 300 gpm, being from one well only. If the one well cannot produce this rate, the second well will be drilled. The total rate between both wells will not exceed a total 300 gpm.

* 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.

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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:

Water will be applied when the plants need it and best management practices will be used for irrigation efficiency.

Statewide - OAR 690-033-0330 thru -0340

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

☒ Yes ☐ No

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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)
Irrigation	March 1 through October 31	258.25 AF

For irrigation use only:

Please indicate the number of primary, supplemental and/or nursery acres to be irrigated (*must match map*).

Primary: 103.3 Acres

Supplemental: NA Acres

Nursery Use: NA Acres

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

NA

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 258.25 AF

For Department Use: App. Number: _____

Groundwater Application — Page 5

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