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Pacific Hydro-Geology Inc.

Memo

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OCT 01 2025
OWRD

To: Oregon Water Resources Department / Lucinda Vranizan
From: Doann Hamilton, CWRE
CC:
Date: October 1, 2025
Re: Application G-19433.

The Initial Review (IR) for our client John David Appel Application G-19433 was issued September 5, 2025 to deny with an opportunity to reply by October 9, 2025. To comply with the water availability to avoid Potential for Substantial Interference (PSI) with Senecal Creek, on behalf of our client we would like to request the following variable rates of:

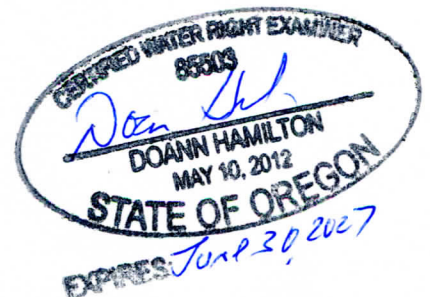
- January 1 through January 31: 0.1 cfs (44.9 gpm)
- February 1 through end of February: 0.1 cfs (44.9 gpm)
- March 1 through March 31: 0.1 cfs (44.9 gpm)
- April 1 through April 31: 0.1 cfs (44.9 gpm)
- May 1 through May 31: 0.062 cfs (27.8 gpm)
- June 1 through June 30: 0.030 cfs (13.5 gpm)
- July 1 through July 31: 0.029 cfs (13 gpm)
- August 1 through August 31: 0.019 cfs (8.5 gpm)
- September 1 through September 30: 0.011 cfs (4.9 gpm)
- October 1 through October 31: 0.010 cfs (4.5 gpm)
- November 1 through November 30: 0.0605 cfs (27.15 gpm)
- December 1 through December 31: 0.1 cfs (44.9 gpm)

With this rate change the duty will be reduced from 52.5 AF to 43.36 AF

In addition to the PSI issue, the existing Well 1 (MARI 2242) needed to come into compliance. I have confirmation from the well driller that this work was completed today. Hopefully the correct paperwork will be submitted to OWRD and a new Well Construction Compliance (WCC) report will be issued soon approving the repairs.

With these revisions, on behalf of our client we approve the conditions set out in the IR and hope the application can proceed.

Attached are the revisions to the application.



SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 0.10 cfs (see Remarks) (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.

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	☐	☒	MARI 2242	☐	6 INCH	0 TO 127	125 TO 127	0 TO 19	44 FT BLS PER WELL LOG JULY 10, 1989	ALLUVIAL	127		
WELL 2	☒	☐	NA	☐	6 INCH	0 TO 150	TBD	0 TO 20	NA	ALLUVIAL	150		
	☐	☐		☐									
	☐	☐		☐						TOTAL:		44.9 GPM	43.36 AF
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									

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- * 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.

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:
NA

Statewide - OAR 690-033-0330 thru -0340

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)
Nursery	Year round	43.36 AF

For irrigation use only:

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

Primary: NA Acres

Supplemental: NA Acres

Nursery Use: 10.5 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: 43.36 AF

- If the use is **municipal or quasi-municipal**, attach **Form M**

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Describe planned actions and additional permits required for project implementation:

There are no streams located near the proposed well or any other location requiring ground disturbance; therefore, no banks will need clearing.

- ☒ Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: NA

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 NA	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*).

Due to the limited surface water availability in the area, we propose a variable rate permit with rates limited month-by-month based on the water availability for Case Creek. We propose the following rate limits per month (see Permit G-18660 for an example of a permit recently approved for a variable rate):

- January 1 through January 31: 0.1 cfs (44.9 gpm)
- February 1 through end of February: 0.1 cfs (44.9 gpm)
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