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Pacific Hydro-Geology Inc.

Memo

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OCT 01, 2025
OWRD

To: Oregon Water Resources Department / Nick Reece
From: Doann Hamilton, CWRE
CC:
Date: October 1, 2025
Re: Application G-19479

Updating email sent 9-10-25

The initial review (IR) for our client Colton Middle School Application G-19479 was issued on August 29, 2025 to deny with options to make revisions by October 2, 2025.

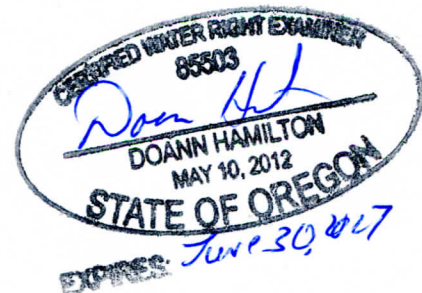
Our client is requesting the rate be revised to a variable rate of:

March 1 through April 30th to be: 0.089 cfs (10.78 AF)
May 1st through May 31st to be: 0.087 cfs (5.35 AF)
June 1st through June 30th to be: 0.03 cfs (1.79 AF)
July 1st through July 31st to be: 0.02 cfs (1.23 AF)
August 1st through August 31st to be: 0.0131 cfs (0.805 AF)
September 1st through September 30th to be: 0.0157 cfs (0.934 AF)
October 1st through October 31st to be: 0.02 cfs (1.23 AF)

Total Duty: 22.12 AF

And to come into compliance with OWRD policy of beneficial use needing to be at least 1 AF/acre, the proposed acres of 36.1 acres has been reduced to 22.0 acres

Attached are the revisions to the application and map.



SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 0.089 cfs (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below). **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. See section 10**

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	☒	☐	NA	☐	6 INCH	0 TO 150	TBD	0 TO 20	NA	SARDINE FORMATION VOLCANICS	150 FEET		
WELL 2	☒	☐	NA	☐	6 INCH	0 TO 150	TBD	0 TO 20	NA	SARDINE FORMATION VOLCANICS	150 FEET		
	☐	☐		☐									22.12 AF
	☐	☐		☐									

* 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.

*Revised
10-1-25
AH*

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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:

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

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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	22.12 AF

For irrigation use only:

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

Primary: 22.0 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: 22.12 AF

- ☒ 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:

There are no streams located near the proposed wells 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*).

The pumping rates given above in Section 3 for each well (40 gpm) assumes that either one or the other of the proposed wells will be drilled to achieve the desired capacity. If both wells are drilled, it is assumed that the combined capacities of the wells will equal 40 gpm.

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. We propose the following rate limits per month:

March 1 through April 30th to be: 0.089 cfs (10.78 AF)
May 1st through May 31st to be: 0.087 cfs (5.35 AF)
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T.5S. R.3E. Section 3, W.M.

Township 4S.

34 35

Township 5S.

3 2

S. Schieffer Rd

TL 5 3E 3 602

Unnamed tributary to Milk Creek

Proposed Well 1 is located 1,465 feet south and 2,530 feet west from the NE corner, Section 3.

Proposed Well 2 is located 1,135 feet south and 2,510 feet west from the NE corner, Section 3.

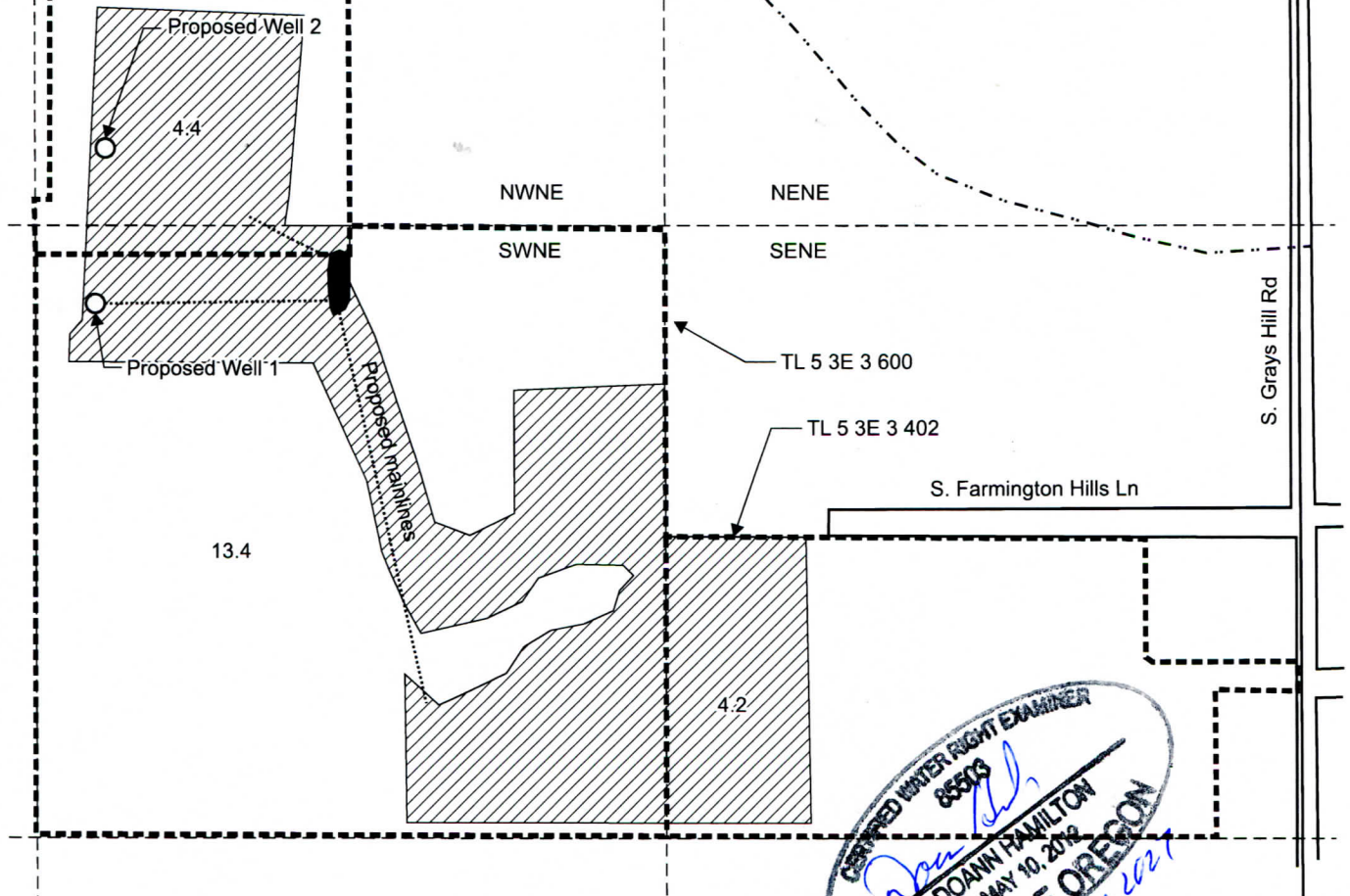


Area (22.0 Acres) to be irrigated.

----- Tax lot boundary

----- Donation Land Claim boundary

..... Water main line, proposed



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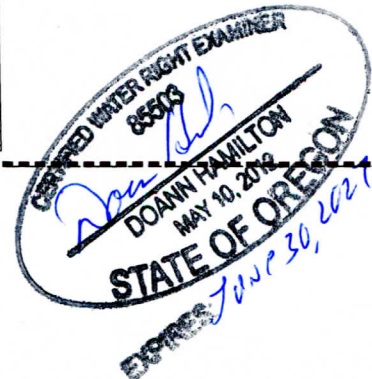
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Scale: 1" = 400'



This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.



Water Right Application Map

Pacific Hydro-Geology Inc.

09/2024
Rev. 10/2025

Colton Middle School
T.5S. R.1E. Section 3, W.M.