

18487 S. Valley Vista Rd.
Mulino, Oregon 97042
(503) 632-5016 Phone
(503) 632-5983 Fax

Pacific Hydro-Geology Inc.

Memo

E-RECEIVED
AUG 20 2024
OWRD

To: Oregon Water Resources Department / Lucinda Vranizan
From: Doann Hamilton, CWRE
CC:
Date: August 20, 2024
Re: Application G-19199.

The initial review (IR) for Application G-19199 was issued for our client Jesse Gooch on July 12, 2024 to approve with additional information.

1. With the change in well locations additional fees were required for all three wells. Our client has chosen to limit the additional burden of these additional fees and reduce the wells proposed to just one. Attached is a check for \$410 for just Proposed Well 3.
2. Pond maintenance was not allowed to be retained on the application even though the groundwater review approve this type of use on this new groundwater application

I have attached revisions to the groundwater application for Jesse Gooch Application G-19199, removing Well 1 and 2 and the reference to pond maintenance.



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.

E-RECEIVED
AUG 20 2024
OWRD

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 3	UNNAMED STREAM/RESERVOIR ON PROPERTY	APPROXIMATELY 900 FEET	APPROXIMATELY 20 FEET
	UNNAMED STREAM/ RESERVOIR OFF THE PROPERTY TO THE NE	APPROXIMATELY 1,600 FEET	APPROXIMATELY 30 FEET
	SCHNEIDER RESERVOIR TO THE N	APPROXIMATELY 1,850 FEET	APPROXIMATELY 10 FEET
	ROCK CREEK	APPROXIMATELY 4,900 FEET	APPROXIMATELY 75 FEET

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 alluvial aquifer.

Revised
8-19-24
D/H

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 0.436 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.

										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)	ANNUAL VOLUME (ACRE-FEET)
WELL 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>	8 INCH	0 TO 350	TBD	0 TO 75 FEET	NA	ALLUVIAL	350 FEET		
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>						TOTAL:		195.7 GPM	87.25 AF
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									

* 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 8-19-24
DH

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

E-RECEIVED
AUG 20 2024
OWRD

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	87.25 AF

For irrigation use only:

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

Primary: 34.9 Acres Supplemental: 0 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: 87.25 AF

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: NA (**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*): NA

SECTION 6: WATER MANAGEMENT

E-RECEIVED

AUG 20 2024

OWRD

A. Diversion and Conveyance

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

- ☒ Pump (give horsepower and type): Submersible 15 Hp
☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water.

Water will be pumped from the well through buried mainlines to supply drip and/or impact sprinklers for irrigation.

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)

drip and/or impact sprinklers

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 applied to crops when needed. The most water efficient method of irrigation will be used for the crop being irrigated.

SECTION 7: PROJECT SCHEDULE

- a) Date construction will begin: Within three years after the permit is issued
b) Date construction will be completed: Within five years after the permit has been issued
c) Date beneficial water use will begin: Within five years after the permit has been issued

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.

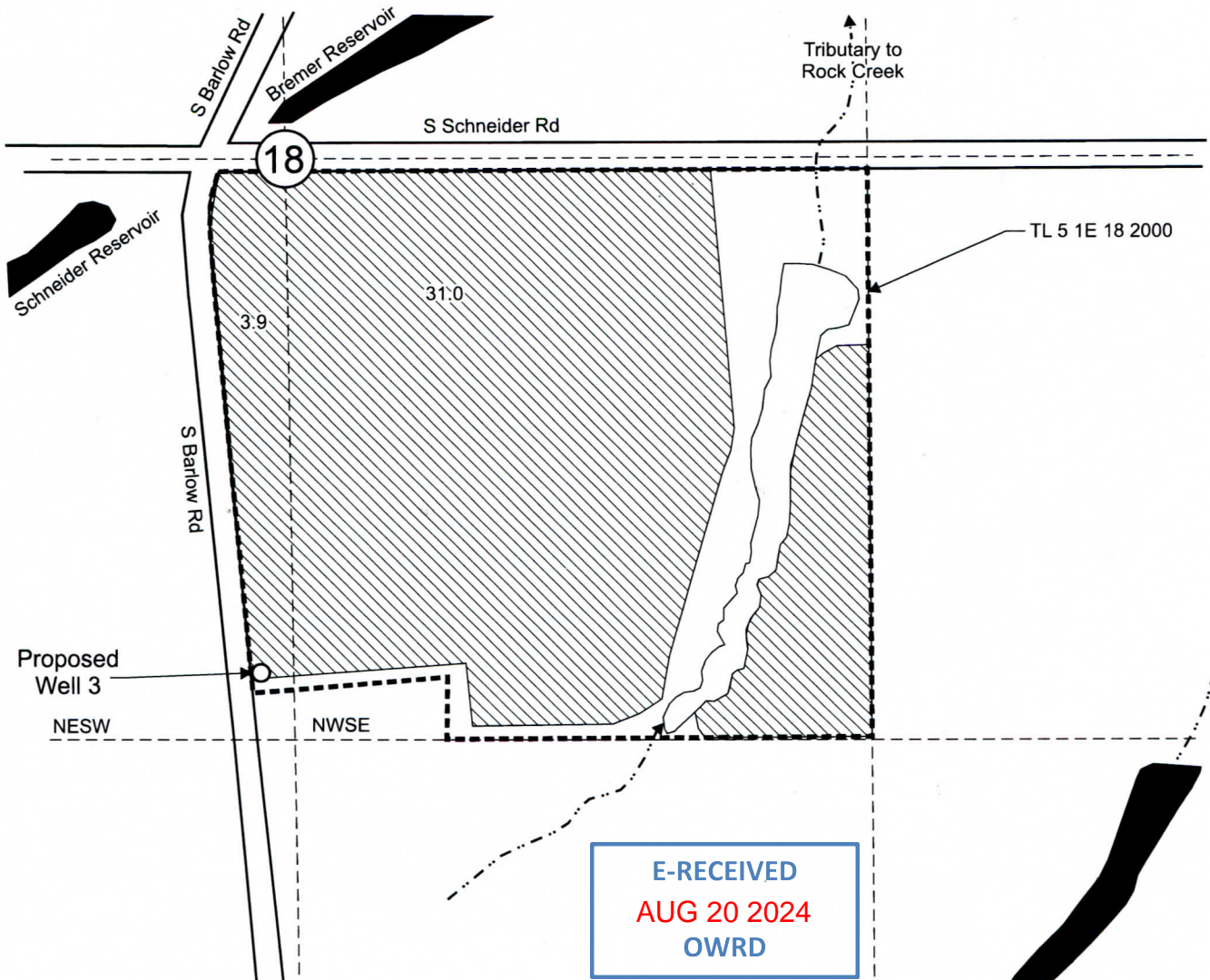
- ☒ Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: Water will be applied at rate and duration to avoid excess watering

- ☒ 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 well requiring ground disturbance; therefore, no banks will need clearing.

T.5S. R.1E. Section 18, W.M.



Proposed Well 3 is located 1,175 feet south and 55 feet west from the C 1/4 corner, Section 18.

 Area (34.9 Acres) to be irrigated.

 Tax lot boundary



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.

Primary Groundwater Right Application Map

Pacific Hydro-Geology Inc.

03/2021
Rev. 06/2022
Rev2: 08/2024

Jesse and Polligaia Pavla Gooch
T.5S. R.1E. Section 18, W.M.