

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.

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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*).

SEE ATTACHED

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

AMENDED 8/12/2024

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	LITTLE PUDDING RIVER*	1700'	50'
NEW WELL 3	LITTLE PUDDING RIVER*	1500'	75'
WELL 4	LITTLE PUDDING RIVER*	5700'	27'
WELL 5	LITTLE PUDDING RIVER*	4600'	65'
WELL 6	HOWELL PRAIRIE CREEK*	3500'	51'
WELL 7	HOWELL PRAIRIE CREEK*	3300'	46'

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*).

**Little Pudding River and Howell Prairie Creek have seasonal flow at point nearest to respective wells. Nearest perennial stream to all wells is likely Pudding River.*

SECTION 3: WELL DEVELOPMENT, continued

AMENDED 8/12/2024

Total maximum rate requested: 0.95 CFS (WELLS 1-3), 0.44 CFS (WELLS 4-5), 2.07 CFS (WELLS 6-8, MAR.-JUN.), 1.09 CFS (WELLS 6-8, JUL.), 0.67 CFS (WELLS 6-8, AUG.-OCT.). COMBINED USE FROM WELLS 1-3 WILL NOT EXCEED 0.95 CFS AT ONE TIME. COMBINED USE FROM WELLS 4-5 WILL NOT EXCEED 0.44 CFS AT ONE TIME. COMBINED USE FROM WELLS 6-8 WILL NOT EXCEED THE SEASONAL RATES LISTED ABOVE. (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 54600	☐	10"	+1-112'	295-395'	0-112'	67.17' 3/31/2015	BASALT	400'		
NEW WELL 3	☒	☐		☐	10"		223-258'	0-104'		BASALT	250' +/-		
WELL 4	☐	☒	MARI 15392	☐	10"	+1.5-83'		0-83'	45.5' 3/23/2020	BASALT	347'		
WELL 5	☒	☐		☐	10"			MIN. 18'		BASALT	350' +/-		
WELL 6	☒	☐		☐	12"			MIN. 18'		SAND & GRAVEL	240' +/-		
WELL 7	☐	☒	MARI 58808	☐	12"	+1.5-238'	150-230'	0-58'	60.33' 3/11/2020	SAND & GRAVEL	239'		

* 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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Salem, OR

For Department Use: App. Number: _____

- If the use is **domestic**, indicate the number of households: ____ (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*): ____

SECTION 6: WATER MANAGEMENT

AMENDED 8/12/2024

A. Diversion and Conveyance

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

- ☒ Pump (give horsepower and type): Well 1 – 30 HP submersible, New Well 3 – 30 HP submersible, Well 4 – 40 HP submersible, Well 5 – 40 HP submersible, Well 6 – 60 HP submersible, Well 7 – 60 HP submersible.
- ☐ Other means (describe): ____

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

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*)
Wheel lines, hand lines, big guns, drip.

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*).
The water requested is needed for crop irrigation. A high efficiency system will be installed and equipped with a water use measuring device.

SECTION 7: PROJECT SCHEDULE

- Date construction will begin: Upon permit issuance
- Date construction will be completed: Request standard 5-year completion time
- Date beneficial water use will begin: During irrigation season immediately following 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: Care will be taken to keep equipment in good operating condition to prevent 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: No clearing necessary for this project.

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

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	Address	
City	State	Zip

SECTION 10: REMARKS

AMENDED 8/12/2024

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

This application is re-applying for portions of permits G-15827, G-15829, and G-15851 that were cancelled due to inaction within the time period to submit a claim of beneficial use. Part of G-15851 was already re-applied for and denied in 2020 due to potential for substantial interference. Based on the groundwater review for the re-application G-18751, these issues are addressed in this application with the split rate. For clarity, all requested uses are described in the following table and on the application maps.

<u>Well</u>	<u>Rate</u>	<u>Season</u>	<u>Acres</u>
1	0.95	Mar. 1 – Oct. 31	75.8
3	0.95	Mar. 1 – Oct. 31	75.8
4	0.44	Mar. 1 – Oct. 31	34.9
5	0.44	Mar. 1 – Oct. 31	34.9
6	2.07	Mar. 1 – Jun. 30	165.2
6	1.09	Jul. 1 – Jul. 31	165.2
6	0.67	Aug. 1 – Oct. 31	165.2
7	2.07	Mar. 1 – Jun. 30	165.2
7	1.09	Jul. 1 – Jul. 31	165.2
7	0.67	Aug. 1 – Oct. 31	165.2

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