

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: **251** GALLONS PER MINUTE (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below). PLEASE SEE SECTION 10 FOR REMARKS ON MAXIMUM RATE REQUESTED. **CHANGES TO PAGES ARE HIGHLIGHTED GREEN.**

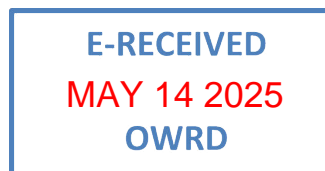
The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, 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 (FEET) | WELL- SPECIFIC RATE (GPM) | ANNUAL VOLUME (ACRE-FEET) |
| 1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Based on the wells to the north, west, and southwest, it is estimated that the new well(s) will be 150 to 250 feet deep and access the alluvial aquifer made of clays, sands, and gravels. The well driller said to expect as much as 300 gallons per minute. The well design will be completed at the time of drilling. | <input type="checkbox"/> | | | | | | ALLUVIAL | 200 +/- | 251 | 300 |
| 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | ALLUVIAL | 200 +/- | 251 | 300 |
| 3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | ALLUVIAL | 200 +/- | 251 | 300 |
| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | ALLUVIAL | 200 +/- | 251 | 300 |

* 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:

N/A

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 | Irrigation Season | 300 |

For irrigation use only:

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

Primary: **122.9*** Acres Supplemental: 15.0* Acres Nursery Use: N/A Acres

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

CERTIFICATE 16734

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 200

**Note: a diminishment for the irrigation per the portion of certificate 89028 (Palmer, 81.2 acres) to change from Primary to Supplemental rights will be pursued for if this application is approved; a map for that is included. Contrarily, this application is for supplemental rights where layered on certificate 16734. See Section 10.*

- ☒ 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 OF BANKS IS PLANNED SO THIS SECTION IS NOT APPLICABLE.

- ☒ Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: No other permits or contracts are known to be required.

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 <u>NONE KNOWN</u> | 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*).

THIS APPLICATION HAS BEEN REVISED TO REQUEST A RATE OF 251 GPM INSTEAD OF THE 300 GPM ORIGINALLY APPLIED FOR BECAUSE THE WRD-GW STATED THIS RATE WOULD ALLOW THE APPLICATION TO BE APPROVED.

THE APPLICATION REQUESTS FOUR WELLS HAVING 251 GALLONS PER MINUTE (GPM) RATE FOR EACH WELL. THE APPLICANT SELECTS FOUR WELL LOCATIONS ONLY TO GIVE OPTIONS IN CASE CERTAIN LOCATIONS ARE NOT APPROVABLE BY THE WATER RESOURCES DEPARTMENT - GROUNDWATER SECTION (WRD-GW) REVIEW, AND IN CASE A DRILLED WELL HAS UNSATISFACTORY WATER PRODUCTION. IN REALITY, 251 GPM IS THE MAXIMUM THAT WILL BE PUMPED FOR THE SITE FROM ANY OR ALL WELLS. FOR EXAMPLE, IF THE FIRST WELL GETS 251 GPM, THE OTHER WELLS WILL NOT BE CONSTRUCTED.

IN THE CASE THAT THE WRD-SW REVIEW DETERMINES THAT 251 GPM FROM ANY OF THE WELL SITES CANNOT BE APPROVED, THE APPLICANT REQUESTS THAT WRD-GW ANALYZE FOR A LOWER RATE AND DETERMINE WHAT RATE COULD BE UTILIZED AT THE BEST SITE. IF A LOWER RATE CAN BE APPROVED BY WRD-GW, THE APPLICANT MAY CHANGE THE APPLICATION TO REFLECT THAT LOWER RATE, IF IT IS DEEMED STILL USEFUL FOR IRRIGATION OF ALTERNATE CROPS.

LAYERED RIGHTS SHALL BE HANDLED AS FOLLOWS.

- THE IRRIGATION OF THE PORTION OF CERTIFICATE 89028 (PALMER, 81.2 ACRES) LAYERED WITH THIS APPLICATION WILL BE CHANGED TO SUPPLEMENTAL IF THIS APPLICATION IS APPROVED (VIA A DIMINISHMENT). THE DIMINISHMENT MAP IS IN ATTACHMENT A.
- CONTRARILY, THIS APPLICATION IS FOR SUPPLEMENTAL RIGHTS WHERE LAYERED WITH PRIMARY RIGHT CERTIFICATE 16734.

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