

# Groundwater Transfer Review Summary Form

Transfer/PA # T- 14804 (RA)

GW Reviewer Travis Brown Date Review Completed: 3/30/2026

## Summary of Same Source Review:

The proposed change in point of appropriation is not within the same aquifer as per OAR 690-380-2110(2).

## Summary of Water Level Decline Condition Review:

Water levels at the original point(s) of appropriation have exceeded the allowed decline threshold defined by conditions in the originating water right.

## Summary of Injury Review:

The proposed transfer will result in another, existing water right not receiving previously available water to which it is legally entitled or result in significant interference with a surface water source as per 690-380-0100(3).

## Summary of GW-SW Transfer Similarity Review:

The proposed SW-GW transfer doesn't meet the definition of "similarly" as per OAR 690-380-2130.

*This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations.*



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## Ground Water Review Form:

- Water Right Transfer
- Permit Amendment
- GR Modification
- Other

Application: T-14804

Applicant Name: Molalla Poultry, Inc.

Proposed Changes:     POA             APOA             SW→GW             RA  
                                   USE             POU             OTHER

Reviewer(s): Travis Brown

Date of Review: 3/30/2026

Date Returned to WRSD: 3/30/2026

The information provided in the application is insufficient to evaluate whether the proposed transfer may be approved because:

- The water well reports provided with the application do not correspond to the water rights affected by the transfer.
- The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.
- Other \_\_\_\_\_

1. Basic description of the changes proposed in this transfer: Applicant proposes to add 2 APOA wells (“Well 1”/PROP # and “Well 2”/PROP #; not constructed) to a 24.35 acres portion of Certificate 93404. The certificate currently authorizes Irrigation of 28.1 acres from one well (MARI 605) at a maximum rate of 0.35 cfs. The proportional maximum rate for the 2 proposed APOA wells would be 0.303 cfs.

**NOTE: Applicant has noted that the authorized POA (MARI 605) is on another tax lot which they do not own and to which they do not have access. However, applicant has proposed adding 2 APOA wells to supply their own property (i.e. an APOA transfer), rather than transferring the authorized use from the original authorized well (MARI 605) to the new wells (“Well 1” and “Well 2”) (i.e. a POA transfer). Because the original authorized well (MARI 605) is not under the applicant’s control, and Certificate 93404 limits the total diversion to no more than 0.35 cfs, there is the potential for Enlargement if the applicant’s APOA wells were to pump the full proportional 0.303 cfs while the original authorized well (MARI 605) simultaneously pumped at a rate greater than 0.047 cfs. Since the subject 24.35 acres are no longer under the control of the owner of the original authorized well (MARI 605), and it can be presumed that well would not be used to irrigate the subject 24.35 acres, a POA transfer would be more appropriate to prevent Enlargement.**

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?  
 Yes  No Comments: The authorized POA and proposed APOA produce groundwater from the alluvial aquifer system.
3. a) Is the existing authorized POA subject to a water level decline condition?  
 Yes  No Comments: \_\_\_\_\_
- b) If yes, for each POA identify the reference level, most recent spring-high water level, and whether an applicable permit decline condition has been exceeded: \_\_\_\_\_
4. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?  
 Yes  No Comments: The authorized POA and proposed APOA produce groundwater from the alluvial aquifer system.
- b) If yes, estimate the portion of the right supplied by each of the sources and describe any limitations that will need to be placed on the proposed change (rate, duty, etc.): N/A
5. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another ground water right**?  
 Yes  No Comments: “Proposed Well 2” is ~1,080 ft east of neighboring well MARI 341, sole authorized POA on Cert 53064. The authorized POA (MARI 605) is 3,540 ft south of MARI 341. The reduced intervening distance will likely increase interference with MARI 341.
- b) If yes, would this proposed change, at its maximum allowed rate of use, likely result in another groundwater right not receiving the water to which it is legally entitled?  
 Yes  No If yes, explain: The impact on MARI 341 from the proposed use of “Proposed Well 2” was analyzed using the Theis (1935) solution for drawdown in a confined aquifer (see attached Well-to-Well Interference Analysis). Results of the analysis indicate that the proposed change is unlikely to result in injury of MARI 341 or other neighboring wells at similar or greater distance from the proposed POA wells.
6. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another surface water source**?  
 Yes  No Comments: Ryan Creek is ~420 ft southeast of “Proposed Well 1” and ~1,380 ft east of the authorized POA (MARI 605). The closer proximity of “Proposed Well 1” to Ryan Creek will likely increase interference with Ryan Creek.
- b) If yes, at its maximum allowed rate of use, what is the expected change in degree of interference with any **surface water sources** resulting from the proposed change?  
Stream: Ryan Creek  Minimal  Significant  
Provide context for minimal/significant impact: It is highly likely that the closer proximity of “Proposed Well 1” to Ryan Creek would result in increased seasonal interference with Ryan Creek and may also increase overall interference with Ryan Creek. Ryan Creek appears to have incised through most, if not all, of the low-permeability Willamette Silt (Gannett and Caldwell, 1998) and is expected to have a relatively efficient hydraulic connection with the surrounding alluvial aquifer. Ryan Creek is also the nearest surface water to both the authorized POA well and proposed APOA wells by a significant distance; therefore, the majority of surface water interference would still be expected to accrue to Ryan Creek even after the proposed change. Although there are downstream surface water rights on Ryan Creek (Cert 49941 and Cert 23450), it is unknown whether Ryan Creek itself

may be over-appropriated, as Ryan Creek is a part of the larger WILLAMETTE R > COLUMBIA R – AB MOLALLA R Water Availability Basin (WAB) and the flow of Ryan Creek is not delineated from the flow of the Willamette River mainstem; the WAB, however, is not over-appropriated. Application G-7860 (pre-cursor to Cert 93404) pre-dated the establishment of rules regarding the Potential for Substantial Interference (former OAR 690-009) and, therefore, was not subject to the flow and distance criteria of those rules. There is not a preponderance of evidence that the anticipated increase in interference with Ryan Creek due to the proposed change would result in downstream surface water rights not receiving water to which they are legally entitled; therefore, the expected change in degree of interference is considered minimal.

7. For SW-GW transfers, will the proposed change in point of diversion affect the surface water source similarly (as per OAR 690-380-2130) to the authorized point of diversion specified in the water use subject to transfer?  
 Yes    No   Comments: N/A
8. What conditions or other changes in the application are necessary to address any potential issues identified above: **A POA transfer, as opposed to an APOA transfer, would be more appropriate to prevent Enlargement (see Note in (1), above).**
9. Any additional comments: \_\_\_\_\_

### **Reference**

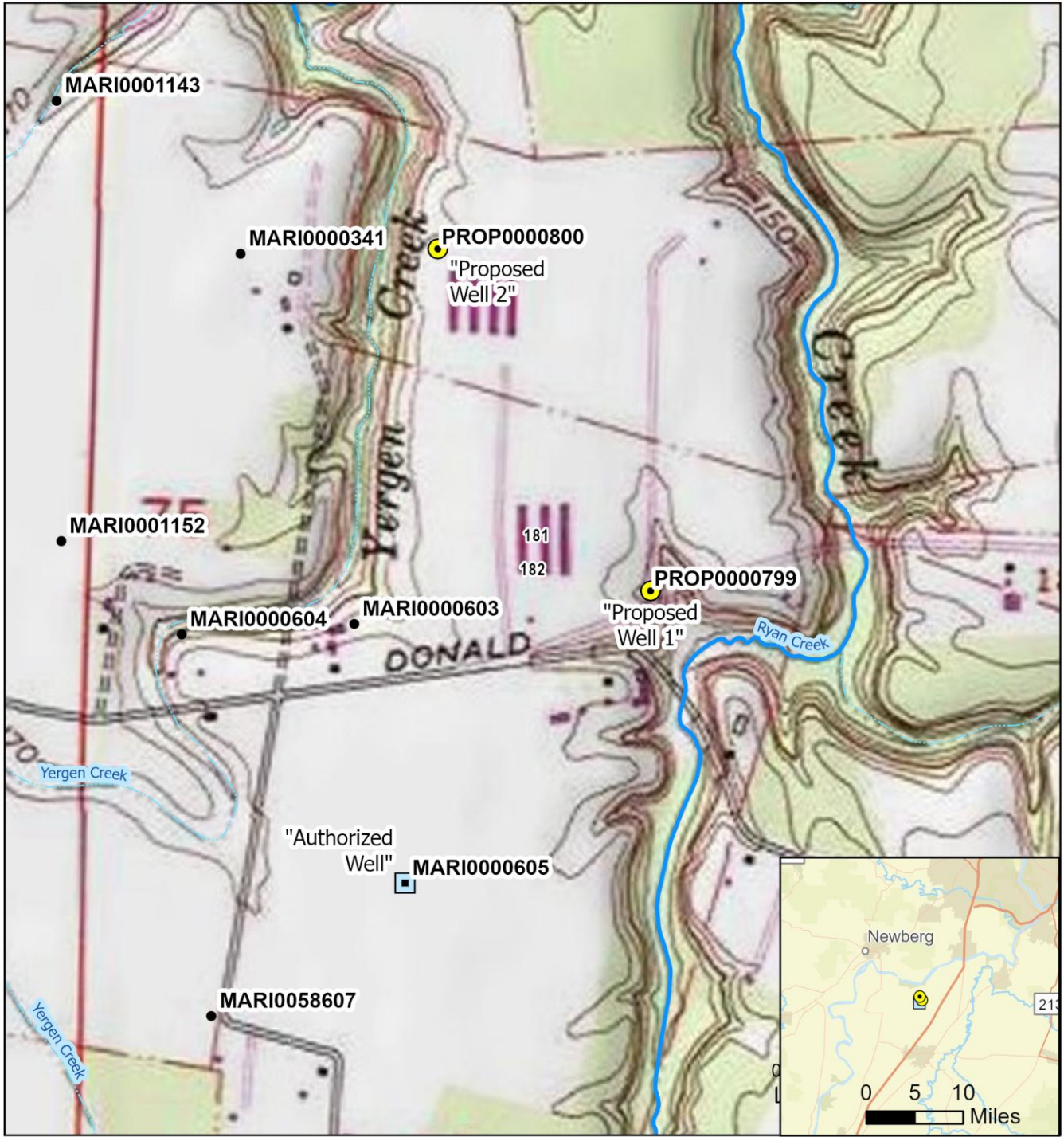
Pumping Test Reports: MARI 348, 350, 358, 363, 563, 595, 602, 53183, 58607, 59462, 63578

Conlon, T.D., Wozniak, K.C., Woodcock, D., Herrera, N.B., Fisher, B.J., Morgan, D.S., Lee, K.K., and Hinkle, S.R., 2005, Ground-water hydrology of the Willamette Basin, Oregon, Scientific Investigations Report 2005-5168: U. S. Geological Survey, Reston, VA.

Gannett, M.W. and Caldwell, R., 1998, Geologic framework of the Willamette Lowland aquifer system, Oregon and Washington, Professional Paper 1424-A, 32 p: U. S. Geological Survey, Reston, VA.

Well Location Map

# T-14804



**Legend**

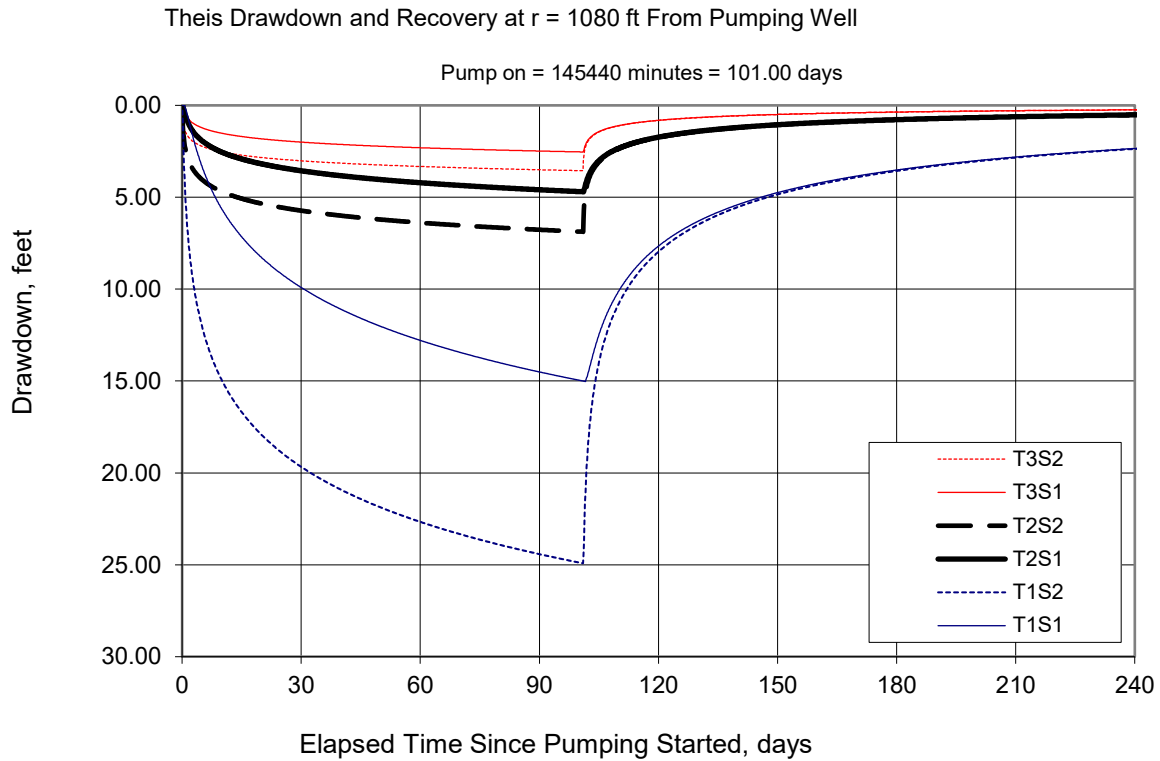
- Authorized POA
- Proposed APOA
- Well



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Copyright:© 2013 National Geographic Society, i-cubed

**Well-to-Well Interference Analysis (Theis, 1935)**

Proposed Well 2 to MARI 341



Total pumping time, t [days] = 101 [time to exhaust proportional duty at maximum rate]

Radial distance from pumped well, r [ft] = 1,080 [distance Proposed Well 2 to MARI 341]

Pumping rate, Q [cfs] = 0.303 [proportional maximum rate for Proposed Well 2]

Transmissivity, T [ft<sup>2</sup>/day]: T1 = 480 | T2 = 2,200 | T3= 4,700 [pumping test reports]

Storativity, S [-]: S1 = 0.003 | S2 = 0.0003 [Conlon et al., 2005]