

Interoffice Memorandum

November 21, 2024

To: Amanda Mather, Water Rights Section**From:** Travis Brown, GW Section**Subject:** G-17196, Barnett – re-assess over-appropriation finding per 1/18/2023 approach

The original groundwater review dated May 11, 2009 for Application G-17196 found that groundwater for the proposed use could not be determined to be over-appropriated during any period of the proposed use. This memorandum documents a re-assessment of the over-appropriation finding per the approach detailed in the January 18, 2023 memorandum from Justin Iverson, Groundwater Section Manager.

Groundwater levels in the alluvial aquifer around the proposed POA (MARI 62290) are not excessively declining or declined excessively per OAR 690-008-0001 (see attached Hydrograph). Furthermore, the alluvial aquifer in this area has an efficient hydraulic connection to the nearby Willamette River and is expected to yield water to wells dominantly from capture within a relatively short period of time. Therefore, persistent groundwater level declines would not be anticipated so long as there is water that can be captured from the Willamette River.

Given the available evidence, groundwater produced by the proposed POA (MARI 62290) is not over-appropriated per the the approach detailed in the January 18, 2023 memorandum from Justin Iverson.

Hydrograph