

Exhibit D-3

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MEMO

Date: September 7, 2021

To: Donald Barrella
Napa County PBES, Conservation Division
Donald.Barrella@countyofnapa.org

From: Drew L. Aspegren, P.E.
Napa Valley Vineyard Engineering, Inc.

Re: Atlas View II, P19-00171-ECPA
Addendum to WAA

This memo is a supplement to the March 29, 2019 Tier I Water Availability Analysis by presenting information about dry year water use.

In a dry year, it is expected that two additional irrigation cycles (8gal/vine) will be necessary. 8gal/vine = an additional 0.76 af (8gal x 31,037vines) above the average, or 8.39 af total dry year demand.

The 8.39 afa dry year vineyard water demand then would be $\pm 45\%$ ($8.39/18.56=45.20$) of the 2013-14 dry year rainfall contribution to groundwater, and $\pm 33\%$ ($8.39/25.34=33.11$) during 2014-15. Over the long term, it is expected that using groundwater to support the proposed project will not diminish the underlying aquifer. Even during those back to back dry years, it is expected that vineyard irrigation would not have diminished the underlying aquifer nor impacted other wells.

