

Linda M. DeRosa

From: Beth Hummer
Sent: Monday, July 24, 2023 5:08 PM
To: People Concern
Subject: FW: AVWM New Production Application - Barrel Springs
Attachments: New Production Application - Barrel Springs Properties to Arden 22.10.04.pdf

Beth Hummer

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From: David Larson <david@redbricksolution.com>
Sent: Sunday, July 23, 2023 12:41 PM
To: Beth Hummer <BHummer@hansonbridgett.com>
Cc: Claire H. Collins <CCollins@hansonbridgett.com>; David C. Casarrubias <DCasarrubias@hansonbridgett.com>
Subject: [EXTERNAL] FW: AVWM New Production Application - Barrel Springs

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DWL, Principal

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From: Kate White <KWhite@toddgroundwater.com>
Sent: Thursday, November 17, 2022 8:00 PM
To: David Larson <david@redbricksolution.com>
Cc: Phyllis Stanin <PStanin@toddgroundwater.com>; Angel Fitzpatrick <afitzpatrick@avwatermaster.net>; Arden Wells <Awells@toddgroundwater.com>; Jessica Alwan <jalwan@hgcpm.com>; Taylor Blakslee <tblakslee@hgcpm.com>;

Joshua Montoya <jmontoya@hgcpm.com>

Subject: AVWM New Production Application - Barrel Springs

Hi Mr. Larson,

Thank you for providing the Antelope Valley Watermaster with the New Production application for Barrel Springs (attached). The requested New Production amount (120 AFY) is one of the highest that we have received to date and to conduct a complete Material Injury Analysis, we need additional information. This application will likely receive much scrutiny at the Antelope Valley Watermaster Advisory Committee and Board meetings.

Our main concern is the lack of local hydrogeologic information and the potential that production of 120 AFY (75 gpm) may impact nearby wells. Would you be available for a call to discuss this with Todd Groundwater, the Antelope Valley Watermaster Engineer?

Here is a brief summary of what we would like to discuss:

1. Do you intend to drill a test well and conduct an aquifer test to develop aquifer parameters to better identify potential impacts on local wells and to determine if a well in the proposed location can support a water use of 120 AFY?
2. The Geosyntec report shows wells from Well Completion Reports (Figure 2) within the vicinity of the project site, but locations are approximate (no scale) and no additional information is provided. We need additional information on these wells such as sources used to identify wells, well status, parcel numbers on which these wells are located, and well construction/capacity information.
3. Potential impacts of faulting on the production of the proposed well and on other nearby wells.

Please let me know if you have any questions and when would be a good time for you to discuss this with us.

Thanks,
Kate

Kate White, PE
Senior Civil Engineer



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