

EXHIBIT 26

Eddie Acevedo

From: Angel Fitzpatrick
Sent: Thursday, October 13, 2022 10:27 AM
To: David Larson
Cc: Christie Larson; John Maceri; T W
Subject: RE: Barrel Springs Property LLC New Production Application

Hi David,

The Watermaster Engineer just informed me that because of the complexity of the Barrel Springs Property's New Production Application, the engineer's review is not complete at this time. The application will not be on this month's agenda for consideration but will be presented at the next meeting in early December.

Sorry for any inconvenience this may have caused.

Angel

From: David Larson <david@redbricksolution.com>
Sent: Tuesday, October 11, 2022 9:33 AM
To: Angel Fitzpatrick <afitzpatrick@avwatermaster.net>
Cc: Christie Larson <Christie@redbricksolution.com>; John Maceri <jmaceri@thepeopleconcern.org>; T W <toby@e-s-g-i.com>
Subject: RE: Barrel Springs Property LLC New Production Application

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Angle, please see then **GREEN** repores below\
David Larson

From: Angel Fitzpatrick <afitzpatrick@avwatermaster.net>
Sent: Wednesday, October 5, 2022 1:03 PM
To: David Larson <david@redbricksolution.com>
Cc: Christie Larson <Christie@redbricksolution.com>
Subject: RE: Barrel Springs Property LLC New Production Application

Hi Dave,

The Watermaster Engineer is requesting additional information. Please provide the information requested below. If we can get this information by the end of the week, we will be able to get the application on the October agenda.

- Do they have a WSA for the project? **Water Supply Assessment-Project is CEQA exempt. No Assessment available.**

Is the 357,192 square feet they propose to be irrigated landscaping all for irrigated landscaping, or does that include the buildings (and areas that won't be irrigated)? Could we get a square footage estimate of just the area that will have

EXHIBIT 27

From: [Arden Wells](#)
To: [Kate White](#); [Phyllis Stanin](#)
Cc: [Mike Maley](#)
Subject: RE: Hydrogeologic connectivity across San Andreas in Antelope
Date: Wednesday, October 12, 2022 9:08:00 AM

That sounds good to me. Thanks for thinking this through!

Arden Wells, GIT
Staff Geologist



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From: Kate White <KWhite@toddgroundwater.com>
Sent: Wednesday, October 12, 2022 8:41 AM
To: Phyllis Stanin <PStanin@toddgroundwater.com>
Cc: Arden Wells <Awells@toddgroundwater.com>; Mike Maley <MMaley@toddgroundwater.com>
Subject: Re: Hydrogeologic connectivity across San Andreas in Antelope

I agree-let's wait for the early December meeting.

Kate White
Todd Groundwater

On Oct 11, 2022, at 10:03 PM, Phyllis Stanin <PStanin@toddgroundwater.com> wrote:

I would like to have some time to consider this before making a determination. It sounds like a lot of uncertainty, and I'd like to see the details. Unfortunately, I'm booked tomorrow with Turlock and Modesto meetings including a GSA public meeting and a presentation. The soonest I could focus on the details is Thursday and I assume you have to get that to Angel by then. I vote that we hold this until we can consider the details.

Phyllis

Phyllis S. Stanin
Vice President and Principal Geologist

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From: Arden Wells <Awells@toddgroundwater.com>
Sent: Tuesday, October 11, 2022 6:34 PM
To: Kate White <KWhite@toddgroundwater.com>; Phyllis Stanin <PStanin@toddgroundwater.com>; Mike Maley <MMaley@toddgroundwater.com>
Subject: RE: Hydrogeologic connectivity across San Andreas in Antelope

Thanks, Kate.

This is really tricky because there is so much uncertainty with this area. I looked at our [contours](#) to see if a good bit of recharge is coming across the fault in this area, but it seems pretty inconclusive because there are so little data out [here](#) (note the few wells used to create the contours in the annual report).

I wrote a [summary of the analysis they included](#) in the application, but I didn't feel comfortable coming to any conclusions about material injury. I am hesitant to give too much weight to the analysis they included. It feels like a shot in the dark basing it on nearby wells because the area is so discontinuous from faulting and exposed bedrock. Additionally, the drawdown analyses used 20 gpm for the pumping rate, while the well design estimated is for 25-150 gpm.

The fault could potentially mean less material injury to the Central Antelope Subbasin, but there's a lot of uncertainty there. Additionally, it's challenging to justify 36 acres of new irrigated agriculture from a new party in an area with little historical pumping that's technically in the Central Subbasin. I recognize that this is the sort of geologic setting where I think our guidance is extremely important for the Board, which makes the high level of uncertainty challenging.

The housing portion of the project is estimated to only use ~9 AFY. The housing portion of the project is extremely efficient and is a clear beneficial use to me. There could be room for the total amount of water for the ag portion of the project to be reduced.

Let me know if there is anything I can do to move this forward in the next day to get it on the October Agenda. Otherwise, we may need to wait until the Nov/Dec meeting.

Arden

Arden Wells, GIT
Staff Geologist

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From: Kate White <KWhite@toddgroundwater.com>
Sent: Tuesday, October 11, 2022 6:06 PM
To: Arden Wells <Awells@toddgroundwater.com>; Phyllis Stanin <PStanin@toddgroundwater.com>; Mike Maley <MMaley@toddgroundwater.com>
Subject: RE: Hydrogeologic connectivity across San Andreas in Antelope

Hi Arden,

Thanks for providing the fault zone location and the thoughtful questions. We have not approved any New Production in that area ([See fig 21 of last annual report](#)) but we did mention the faulting in the [Mettler Valley MWC New Production letter](#). Mettler is in the SW portion of the West Antelope Subarea.

The proposed well location might be identified in the [material they supplied](#). See pdf page 9 that shows a big red star at a potential location.

The water that they are asking for will be one of the largest amounts of New Production granted so far and I expect we will get a lot of questions regarding this high use. There are springs in this area too.

I listed the Parties with the most New Production below.

1. Banuk : 215 AFY (temporary)
2. Mettler Valley MWC: 116 AFY
3. Hernandez, Carlos and Paola Diaz: 80 AFY

Kate

Kate White, PE
Senior Civil Engineer

<image003.jpg>
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From: Arden Wells <Awells@toddgroundwater.com>

Sent: Tuesday, October 11, 2022 5:27 PM

To: Kate White <KWhite@toddgroundwater.com>; Phyllis Stanin <PStanin@toddgroundwater.com>; Mike Maley <MMaley@toddgroundwater.com>

Subject: Hydrogeologic connectivity across San Andreas in Antelope

Hi Kate, Phyllis, and Mike,

I am working on the Barrel Springs New Production Application. This is for an affordable housing community for ag workers with 36 acres of orchards and row crops on the property, and they are requesting 120 AFY. We just got some water use details today, and I was hoping I can wrap up the letter by tomorrow morning.

However, one big detail I had overlooked is that the San Andreas fault (and several branches) runs right through the parcel. The parcel is in the bottom of the Central Antelope Subbasin. It is south of the USGS Antelope Model Boundary.

I added the faults zone to Figure 1 here: <T:\Projects\Antelope Valley Wtrmaster Engineer 79601\GIS\MAPS\Well Application Working\Barrel Springs New Production October 2022\Figure 1 Barrel Springs Oct 22 With Fault.pdf>

How much of hydrogeologic barrier do we expect the San Andreas to be? The application includes an analysis by Geosyntec about how the well (pumping 120 AFY) may affect the water levels nearby, but it only mentions the San Andreas as a "partial hydrogeologic barrier." It addresses the effects of pumping on nearby wells, but does not address how connected the well may or may not be to the rest of the Antelope Subbasin.

I'm interested in your thoughts on a few items:

1. Do we have any information about how pumping S of the San Andreas affects storage in the Antelope Subbasin? Was an analysis conducted in conjunction with the adjudication boundary determination?
2. Have we completed any previous New Production Reports in areas along the San Andreas Fault?
3. Are there any questions we need to ask of Barrel Springs? Perhaps where the well will be located within the parcel?

Arden

Arden Wells, GIT
Staff Geologist

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EXHIBIT 28

From: [Joshua Montoya](#)
To: [Angel Fitzpatrick](#); [Patti Rose](#)
Cc: [Jessica Alwan](#)
Subject: RE: December 2022 Board Meeting
Date: Wednesday, November 23, 2022 10:59:27 AM
Attachments: [image002.jpg](#)
[image003.jpg](#)

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Hello Angel and Patti,

I hope you are both doing well. We would like to shadow you as you are distributing the BOD packet to the stakeholders and uploading to the website. We can schedule a short 30-minute meeting to shadow the process. Please let me know when that will be occurring, and we can work on scheduling a meeting. I hope you both have a wonderful thanksgiving.

Thank you,
Joshua Montoya
Project Coordinator
(661) 316-9340



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From: Kate White <KWhite@toddgroundwater.com>
Sent: Monday, November 21, 2022 11:17 AM
To: Angel Fitzpatrick <afitzpatrick@avwatermaster.net>; Arden Wells <Awells@toddgroundwater.com>
Cc: Joshua Montoya <jmontoya@hgcpm.com>; Taylor Blakslee <TBlakslee@hgcpm.com>; Jessica Alwan <jalwan@hgcpm.com>; Phyllis Stanin <PStanin@toddgroundwater.com>; Matthew Knudson (mknudson@avek.org) <mknudson@avek.org>
Subject: December 2022 Board Meeting

Hi Angel,

Attached is the one application for the December Board meeting:

- Bergren New Production

Under the Engineers Report we will discuss:

- Summary table of approved New Production and Qualified Small Pumpers (attached)
- Revisions to the 2022 Federal Reserve Water Right distribution.

The Frankenberg NPOE application is on hold until we get responses to a few of our questions.

The Barrel Springs New Production application has been moved to the January Board meeting. Angel - thanks for communicating this to the applicant's representative (David Larson). PWD would like to reissue its "no-serve" letter with more information and conditions and we are asking the applicant for more information. I spoke with the applicant today and they suggested that the project could be divided into phases, which I thought was a good idea and asked David to submit this to us. I will copy you all on it if it comes directly to us. If a smaller phase (less water use) was approved first, we could request that they conduct an aquifer test on the test well so that aquifer parameters could be developed to better identify potential impacts on local wells. We are also not sure if a well in that area can produce 120 AFY. This information would be required for approval of any more water use. I also asked David about the Small Pumper status of Barrel Springs (they are on the Small Pumper list in the Judgment). He said that they had owned a property northwest of the aqueduct but have subsequently sold that property.

Have a great thanksgiving all!

Thanks,
Kate

Kate White, PE
Senior Civil Engineer



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EXHIBIT 29

From: [Phyllis Stanin](#)
To: [Kate White](#)
Subject: RE: Letter Review - TODAY if possible
Date: Thursday, December 1, 2022 1:17:00 PM

- Yes, to the 3 items for Engineer's Report. I'll start PPT over weekend.
- I'll try to work on Barrel Springs first and then pass to you.
- OK on the announcement. But FYI – EVERYONE is going to miss you!!

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Kate White <KWhite@toddgroundwater.com>
Sent: Thursday, December 1, 2022 1:06 PM
To: Phyllis Stanin <PStanin@toddgroundwater.com>
Subject: RE: Letter Review - TODAY if possible

I would be happy to look at the PPT when available. I will be at the Dec 7 Board meeting and can present the Bergren New Production application and the Calandri Water Co transfers to Calandri Farms and to Caruso Investments. Do you want to handle the 3 items for Engineers Report (Todd letter clarification for the Burrows to 40AA transfer, increase in Fed water for use in 2022, and summary table of approved New Production and Small Pumpers)?

I also would be happy to review the Barrel Springs letter or to take first crack at updating it.

And, no need to announce again that I will be retiring because that was done and niceties said last year.

Thanks!
Kate

Kate White, PE
Senior Civil Engineer



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From: Phyllis Stanin <PStanin@toddgroundwater.com>
Sent: Thursday, December 1, 2022 12:44 PM
To: Kate White <KWhite@toddgroundwater.com>
Subject: RE: Letter Review - TODAY if possible

Thanks, but I need to learn to swim without my life preserver...I'll check in with you after I'm done to make sure it looks ok.

Are you planning to be at the Dec 7 meeting? Do you have any applications other than two Calandri transfers?

FYI – I looked at Barrel Springs some more...if the low transmissivity is still applicable to the aquifer, then even with 55 gpm, a pumping well could increase drawdown up to 40 feet in a well 1,300 feet away. If that is a small domestic well, 40 feet could be a problem for that well. But the buildings on the parcel with that “closest” well don't look like a house to me. Dudek seems to think that it is a domestic well (because of the 1AFY number that they say the well “is limited to”). The residential property 1,300 feet the northwest appears to be served by PWD – according to that parcel map. So, it is only this one well that is an issue.

However, I suspect that the faulting separates Barrel Springs from other wells north of the aqueduct and will probably conclude in the letter that, given the small amount of production for the well and the uncertainty associated with the closest well, MI is not likely. But I do hope that they do more work on the new well (aquifer test) – maybe I'll make that as a condition for approval. FYI – the closest cross section in the Expert Report illustrates the local compartmentalization and faulting pretty well – I might use this as an illustration (Figure) for the application. FYI – the applications budget now has no prayer of recovering now with my hours on Barrel Springs. But I do think that there is potential for problems here and don't want to approve this without thinking...just wish we knew more about the nearby well (and if that really is a house!!).

Thanks for everything,
Phyllis

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Kate White <KWhite@toddgroundwater.com>
Sent: Thursday, December 1, 2022 12:30 PM
To: Phyllis Stanin <PStanin@toddgroundwater.com>
Subject: RE: Letter Review - TODAY if possible

I like the idea of a PPT for the Engineers Report and agree that it's just clarification of our letter. Let me know if you want any help with it.

Thanks,
Kate

Kate White, PE
Senior Civil Engineer



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From: Phyllis Stanin <PStanin@toddgroundwater.com>
Sent: Thursday, December 1, 2022 12:23 PM
To: Kate White <KWhite@toddgroundwater.com>
Subject: RE: Letter Review - TODAY if possible

OK – so maybe I'll handle this with a short PPT to summarize the issue and share my screen for that part of the update. I might put the unused Fed water right tables on the PPT and just use a PPT to

give the Engineer's update. I see no problem in allowing this because the Resolution allowed it...this is just clarification of the Watermaster Engineer letter more than anything else.

Thanks for going through it with me.

Phyllis S. Stanin

Vice President and Principal Geologist



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From: Kate White <KWhite@toddgroundwater.com>

Sent: Thursday, December 1, 2022 12:14 PM

To: Phyllis Stanin <PStanin@toddgroundwater.com>

Subject: FW: Letter Review - TODAY if possible

Phyllis, to continue my last email – looks like you have the letter open so here are my suggested corrections to address the typo for addition to the letter.

Todd Groundwater's letter (dated May 10, 2022) recommending approval of this transfer listed four existing wells on four parcels (APNs 244-040-03, 244-040-021, 244-040-17, and 244-010-36) that would supply water to the project. **During this recent review, a typo was noticed in the letter: APN 244-040-17 should actually be APN 244-040-12. This change makes no impact on the Material Impact analysis nor on the adopted resolution (R-22-30) which includes both of these parcels.** During recent field investigations, it was discovered that another existing groundwater well is located within the project site on APN 244-040-15. The solar contractor's representative, Dudek, contacted Todd Groundwater to see if this well (State Well ID 10N/08W-02M01) can be added to the list of potential New Point of Extraction wells. This parcel is **also** listed on the Exhibit A Attachment to the Resolution for Adoption (R-22-30) as Parcels Water Transferred to.

Thanks,
Kate

Kate White, PE
Senior Civil Engineer



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From: Kate White

Sent: Thursday, December 1, 2022 12:01 PM

To: Phyllis Stanin <PStanin@toddgroundwater.com>

Subject: RE: Letter Review - TODAY if possible

Phyllis, the pressure is off to get this done today for the Board packet but it would be nice to discuss it under the Engineers Report if you agree that this is just for information purposes. See my responses below.

Kate White, PE
Senior Civil Engineer



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From: Phyllis Stanin <PStanin@toddgroundwater.com>

Sent: Thursday, December 1, 2022 11:00 AM

To: Kate White <KWhite@toddgroundwater.com>

Subject: RE: Letter Review - TODAY if possible

So, this is just an information item? **This is what I was thinking since the APN is listed in the Resolution..** You say that we've done this before? **Yes, once or twice. I will make an attempt to find them.**

The applicant (Burrows) paid for the transfer application, and we said No MI for the approval. Did

anyone have to submit a NPOE or did the transfer cover that issue? (It appears that it did cover it to me, but I wanted to be sure). **Transfer covered it.** The question now is whether this is a NPOE or not, correct? **Correct** We didn't include that parcel in the letter for MI, but the resolution allows them to drill on that parcel, correct? **That is my interpretation of the Exhibit A table to the Resolution** Do I have the facts straight here? **Yes**

I looked at the map but don't know what I'm looking at. I see the "new well" and 3 others – did the original application say 4? **Not specifically - we identified the existing well locations from the maps (Attachments 4 and 5) in the application. Parcel 244-040-15 is identified in the application in Attachment 2 (see table at end) and on the Attachment 5 map. Yikes, I just noticed a typo in our original letter – looks like parcel 244-040-17 should actually be 244-040-12 as per Attachment 5. I will add that to our current letter.**

I have to go to my Modesto Meeting now but hope to be back on this after that. **Thanks.**

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Kate White <KWhite@toddgroundwater.com>
Sent: Thursday, December 1, 2022 10:29 AM
To: Phyllis Stanin <PStanin@toddgroundwater.com>
Subject: RE: Letter Review - TODAY if possible

I was hoping that a resolution/decision is not needed because that parcel is already in R-22-30.

Kate White, PE
Senior Civil Engineer



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From: Phyllis Stanin <PStanin@toddgroundwater.com>
Sent: Thursday, December 1, 2022 10:28 AM
To: Kate White <KWhite@toddgroundwater.com>
Subject: RE: Letter Review - TODAY if possible

Kate – if we can't include the letter in the Board packet and have a resolution to approve it, do we still want to talk about it in the Engineer's Report?

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Kate White <KWhite@toddgroundwater.com>
Sent: Thursday, December 1, 2022 9:47 AM
To: Phyllis Stanin <PStanin@toddgroundwater.com>
Subject: Letter Review - TODAY if possible

Phyllis,

I got an email from Dudek regarding adding a well to 40AA's NPOE that was approved in May 2002. Here is my [letter that explains the situation](#).

I asked Dudek to provide an [email explain of the situation](#) to be included with our letter.

Here is the [original application](#).

Here is [R-22-30](#).

What do you think about this being presented to the Board under the Engineers Report at the December 7 meeting? We have 'approved' a few other changes in well locations in the past

and just let the Board know. If you are OK with this, I would like your comments on the letter today so that it can be included in the packet going out to the Board.

Thanks,

Kate

Kate White, PE
Senior Civil Engineer



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EXHIBIT 30

From: [Phyllis Stanin](#)
To: [Kate White](#)
Subject: RE: Letter Review - TODAY if possible
Date: Thursday, December 1, 2022 12:43:00 PM

Thanks, but I need to learn to swim without my life preserver...I'll check in with you after I'm done to make sure it looks ok.

Are you planning to be at the Dec 7 meeting? Do you have any applications other than two Calandri transfers?

FYI – I looked at Barrel Springs some more...if the low transmissivity is still applicable to the aquifer, then even with 55 gpm, a pumping well could increase drawdown up to 40 feet in a well 1,300 feet away. If that is a small domestic well, 40 feet could be a problem for that well. But the buildings on the parcel with that “closest” well don't look like a house to me. Dudek seems to think that it is a domestic well (because of the 1AFY number that they say the well “is limited to”). The residential property 1,300 feet the northwest appears to be served by PWD – according to that parcel map. So, it is only this one well that is an issue.

However, I suspect that the faulting separates Barrel Springs from other wells north of the aqueduct and will probably conclude in the letter that, given the small amount of production for the well and the uncertainty associated with the closest well, MI is not likely. But I do hope that they do more work on the new well (aquifer test) – maybe I'll make that as a condition for approval. FYI – the closest cross section in the Expert Report illustrates the local compartmentalization and faulting pretty well – I might use this as an illustration (Figure) for the application. FYI – the applications budget now has no prayer of recovering now with my hours on Barrel Springs. But I do think that there is potential for problems here and don't want to approve this without thinking...just wish we knew more about the nearby well (and if that really is a house!!).

Thanks for everything,

Phyllis

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Kate White <KWhite@toddgroundwater.com>

Sent: Thursday, December 1, 2022 12:30 PM

To: Phyllis Stanin <PStanin@toddgroundwater.com>

Subject: RE: Letter Review - TODAY if possible

I like the idea of a PPT for the Engineers Report and agree that it's just clarification of our

letter. Let me know if you want any help with it.

Thanks,

Kate

Kate White, PE
Senior Civil Engineer



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From: Phyllis Stanin <PStanin@toddgroundwater.com>

Sent: Thursday, December 1, 2022 12:23 PM

To: Kate White <KWhite@toddgroundwater.com>

Subject: RE: Letter Review - TODAY if possible

OK – so maybe I’ll handle this with a short PPT to summarize the issue and share my screen for that part of the update. I might put the unused Fed water right tables on the PPT and just use a PPT to give the Engineer’s update. I see no problem in allowing this because the Resolution allowed it...this is just clarification of the Watermaster Engineer letter more than anything else.

Thanks for going through it with me.

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Kate White <KWhite@toddgroundwater.com>

Sent: Thursday, December 1, 2022 12:14 PM

To: Phyllis Stanin <PStanin@toddgroundwater.com>

Subject: FW: Letter Review - TODAY if possible

Phyllis, to continue my last email – looks like you have the letter open so here are my

suggested corrections to address the typo for addition to the letter.

Todd Groundwater's letter (dated May 10, 2022) recommending approval of this transfer listed four existing wells on four parcels (APNs 244-040-03, 244-040-021, 244-040-17, and 244-010-36) that would supply water to the project. During this recent review, a typo was noticed in the letter: APN 244-040-17 should actually be APN 244-040-12. This change makes no impact on the Material Impact analysis nor on the adopted resolution (R-22-30) which includes both of these parcels. During recent field investigations, it was discovered that another existing groundwater well is located within the project site on APN 244-040-15. The solar contractor's representative, Dudek, contacted Todd Groundwater to see if this well (State Well ID 10N/08W-02M01) can be added to the list of potential New Point of Extraction wells. This parcel is also listed on the Exhibit A Attachment to the Resolution for Adoption (R-22-30) as Parcels Water Transferred to.

Thanks,

Kate

Kate White, PE
Senior Civil Engineer



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From: Kate White

Sent: Thursday, December 1, 2022 12:01 PM

To: Phyllis Stanin <PStanin@toddgroundwater.com>

Subject: RE: Letter Review - TODAY if possible

Phyllis, the pressure is off to get this done today for the Board packet but it would be nice to discuss it under the Engineers Report if you agree that this is just for information purposes. See my responses below.

Kate White, PE
Senior Civil Engineer



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From: Phyllis Stanin <PStanin@toddgroundwater.com>

Sent: Thursday, December 1, 2022 11:00 AM

To: Kate White <KWhite@toddgroundwater.com>

Subject: RE: Letter Review - TODAY if possible

So, this is just an information item? **This is what I was thinking since the APN is listed in the Resolution..** You say that we've done this before? **Yes, once or twice. I will make an attempt to find them.**

The applicant (Burrows) paid for the transfer application, and we said No MI for the approval. Did anyone have to submit a NPOE or did the transfer cover that issue? (It appears that it did cover it to me, but I wanted to be sure). **Transfer covered it.** The question now is whether this is a NPOE or not, correct? **Correct** We didn't include that parcel in the letter for MI, but the resolution allows them to drill on that parcel, correct? **That is my interpretation of the Exhibit A table to the Resolution** Do I have the facts straight here? **Yes**

I looked at the map but don't know what I'm looking at. I see the "new well" and 3 others – did the original application say 4? **Not specifically - we identified the existing well locations from the maps (Attachments 4 and 5) in the application. Parcel 244-040-15 is identified in the application in Attachment 2 (see table at end) and on the Attachment 5 map. Yikes, I just noticed a typo in our original letter – looks like parcel 244-040-17 should actually be 244-040-12 as per Attachment 5. I will add that to our current letter.**

I have to go to my Modesto Meeting now but hope to be back on this after that. **Thanks.**

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Kate White <KWhite@toddgroundwater.com>

Sent: Thursday, December 1, 2022 10:29 AM

To: Phyllis Stanin <PStanin@toddgroundwater.com>

Subject: RE: Letter Review - TODAY if possible

I was hoping that a resolution/decision is not needed because that parcel is already in R-22-30.

Kate White, PE
Senior Civil Engineer



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From: Phyllis Stanin <PStanin@toddgroundwater.com>

Sent: Thursday, December 1, 2022 10:28 AM

To: Kate White <KWhite@toddgroundwater.com>

Subject: RE: Letter Review - TODAY if possible

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From: Kate White <KWhite@toddgroundwater.com>

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To: Phyllis Stanin <PStanin@toddgroundwater.com>

Subject: Letter Review - TODAY if possible

Phyllis,

I got an email from Dudek regarding adding a well to 40AA's NPOE that was approved in May 2002. Here is my [letter that explains the situation](#).

I asked Dudek to provide an [email explain of the situation](#) to be included with our letter.

Here is the [original application](#).

Here is [R-22-30](#).

What do you think about this being presented to the Board under the Engineers Report at the

December 7 meeting? We have 'approved' a few other changes in well locations in the past and just let the Board know. If you are OK with this, I would like your comments on the letter today so that it can be included in the packet going out to the Board.

Thanks,

Kate

Kate White, PE
Senior Civil Engineer



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EXHIBIT 31

From: [Phyllis Stanin](#)
To: [Kate White](#); [Arden Wells](#)
Subject: Review of Applications to be sent to Hallmark for Advisory Committee
Date: Wednesday, January 11, 2023 7:36:00 PM

Arden and Kate – I reviewed (and edited) the applications for the January AVWM Board meeting. Arden – are you going to handle the submittal of applications to Hallmark? Do you know who to email them to?

I had a few comments on some of the applications – just for your consideration before defending them at the AVWM meeting.

- I did even more editing on Barrel Springs that I had done previously. I wanted to make it clearer that we are recommending the application be approved with the condition that they provide us with well information and testing data. I don't think it is fair to the applicant to make the analysis of the new well a condition of approval. We can use the information to better inform ourselves about the area and to analyze any future unanticipated impacts. I don't think that we really know where the closest domestic well is located, but my best guess on available data is that it is more than 2,000 feet away from the proposed well location and won't be impacted by that local pumping. We learned from PWD that the wells to the north and northwest are served by the District and would not have domestic wells to impact.
- Galdamez new production wants 2AFY for one mobile home and tiny irrigation. We may be asked to defend why she gets 2AFY when it doesn't seem like she needs it.
- Long Valley new production: the information about the two hydrographs doesn't conclude anything about declining water levels near Long Valley. The map on Figure 2 begs the question of what water levels look like in monitoring wells that are even closer to the property than discussed in the letter. I moved the information about "no reported MI in this area" with the current pumping. However, it would still be good to look at water level data in closer wells before the meeting. If those wells don't have recent data, we can just say so.
- Phillips new production: the "safety factor of 2.55" proposed by Duke Engineering is brand new and inconsistent with what we've done for other applicants. How is that justified? Our charge is to make sure that the water requested is consistent with the water use proposed. So, this adds a new wrinkle. The Board will likely question this.

Thanks,
Phyllis

Phyllis S. Stanin
Vice President and Principal Geologist



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EXHIBIT 32

From: [Joshua Montoya](#)
To: [Phyllis Stanin](#)
Cc: [Jim Beck](#); [Jessica Alwan](#); [Jacqueline Harris](#)
Subject: RE: Stanin PPT slides - AVWM Board Meeting Jan 25
Date: Tuesday, January 24, 2023 10:47:00 AM

Hello Phyllis,

We have no issues with you sharing your screen during those two agenda items. I know this is something you have done in the past, but if you need help ahead of time, please let me know.

Thank you,

Joshua Montoya

Project Coordinator

(661) 316-9340



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From: Phyllis Stanin <PStanin@toddgroundwater.com>

Sent: Tuesday, January 24, 2023 10:39 AM

To: Joshua Montoya <jmontoya@hgcpcm.com>; Jacqueline Harris <jharris@hgcpcm.com>

Cc: Jim Beck <jbeck@hgcpcm.com>

Subject: Stanin PPT slides - AVWM Board Meeting Jan 25

Good morning, Jacqueline and Joshua:

Regarding the AVWM Board meeting tomorrow:

- I will have a few PPT slides to show for **Item #21b. Model Update**. In the past, I have just shared my screen to advance my own slides and use my cursor to highlight certain areas – does allowing me to share my screen work for you?
- Could I also share my screen during Item 5a. Barrel Springs Properties LLC New Production Application? (explanation below).
 - We don't typically have a PPT discussion for each well application, but the AV Advisory Committee reports that the New Production application for Barrel Springs "was complicated" and they would like additional time to review. I agree that it is complicated – our team spent quite a bit of time going through all of the materials and there are still unanswered questions. However, I think we have enough information to proceed. Because I am going to have a few PPT slides later on in the meeting anyway, I thought that it might be helpful for me to show a couple of PPT slides during my explanation of the Barrel Springs application just to try to better explain the details (one PPT of the location map in the packet already so that I can point with my cursor and another PPT showing a cross section to better illustrate the local conditions). I have no problem if the Board would like to defer this application until next month, but even if that is their decision, it might be helpful to have this very brief "show and tell." I think that a few pictures could help make this one a little clearer.

Let me know if you can accommodate my screen sharing for these two items.

Thanks,

Phyllis

Phyllis S. Stanin

Vice President and Principal Geologist



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EXHIBIT 33

From: [Phyllis Stanin](#)
To: [Arden Wells](#)
Subject: water into perpetuity?
Date: Wednesday, January 25, 2023 1:05:26 PM

Thanks for the presentations today, Arden – nice job. Given the Board’s questions today, we’ll want to work with Craig to see how best to add something to the application forms that the water isn’t “guaranteed”! This comes out of left field a bit. The approval of new production has never been limited in time previously. How can the WM Board tell a homeowner or a business with New production rights that “we don’t have the water this year...sorry”?

I don’t think there is anything on the form about this already – can you check? Maybe Craig can suggest the “no guarantee” language (which should also say something about the alternative options (use transfers and/or other purchases) and we can modify/put on forms. Can you reach out to Craig ([cc me](#)) to see if he wants to suggest such language? (FYI – I also cc Cameron on such emails; we should also cc Jim Beck on these emails).

Thanks, Phyllis

Phyllis S. Stanin
Vice President and Principal Geologist



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EXHIBIT 34

From: [Phyllis Stanin](#)
To: [Arden Wells](#)
Subject: RE: Transfer Applications
Date: Tuesday, February 7, 2023 5:55:00 PM

Hi Arden – the New Production applications are ready to go. I provided a few edits on some of the letters in redline and have a few comments in red font below:

- Phillips- We got the new estimate! It's down to 1.5 AFY! – congratulations on revising this demand downward! You'll want to include Duke's letter dated today in the package.
- Long Valley – No changes – I can't remember exactly why this was tabled - was it the issue of RW not being guaranteed? If so, I guess Craig's memo will handle it.
- Barrel Springs- No Changes – I resisted the temptation to re-write that letter again. I'm going to wait to see what the Advisory Committee says about this to be ready to respond at the Board meeting if needed.
- Lee – Very straightforward domestic well – good.
- Mendez and Ledesma – boundary cutting through parcel - letter makes it sound like we know that the well will be drilled on the hill – is that the case or is that our assumption (I suspect that assumption is correct, but I just wanted to know)? For most of our domestic well applications, the actual well location has not yet been determined (correct?), and we have been fine with that in the past. Because I think that is the case, I have edited the last paragraph on the first page to cover the potential for the well ending up in our Basin. We may get push-back from the board to make the applicant state whether the well will be in or out. I'm trying to give the applicant the flexibility because I think the analysis handles both circumstances. FYI - I deleted your highlighting of the last sentence and expanded it a bit.

I'm moving to the transfers next.

Thanks, Phyllis

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Arden Wells <Awells@toddgroundwater.com>
Sent: Tuesday, February 7, 2023 2:44 PM
To: Phyllis Stanin <PStanin@toddgroundwater.com>

Subject: Transfer Applications

Hi Phyllis,

I wanted to give you an update on where I am at with the applications. We need to get these to Hallmark by noon tomorrow.

Mike has the figures done for all of them, and I have all of the letters except for High Desert Dairy to Van Dam done. Working on that one now! I wanted to get these to you now so that you can start reviewing them whenever you're available.

This month we have quite a batch!

Transfers

Steve and Denise Godde to Robertson's Ready Mix Transfer – This transfer is connected to the Pamela Godde to Robertson's Transfer. They have the same figures and very similar letters.

Pamela to Robertson's Transfer – see above

Lane To Vulcan – I have a new letter where I accepted changes and have one response to a comment you may want to look at. I updated the contours!

Nick and Janet Van Dam to Wheeler – This was from last month, but we were waiting on an APN Confirmation

High Desert Dairy to Van Dam – Nothing crazy expected. It is a transfer between two nearby properties.

New Production

Phillips- We got the new estimate! It's down to 1.5 AFY!

Long Valley – No changes

Barrel Springs- No Changes

Lee – Very straightforward domestic well

Mendez and Ledesma – boundary cutting through parcel

I am available to talk either 3:30-6 today or anytime tomorrow morning.

Arden

Arden Alana Wells, PG
Associate Geologist



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EXHIBIT 35



Joshua Montoya



Wednesday, Apr 19 • 10:11 AM

Texting with Joshua (SMS/MMS)

This is Arden- So sorry I forgot to text you ahead of time. Thanks so much for providing the overview!

No worries. Glad there wasn't a lot of questions. Also you answered that question perfectly so great job!

What happens if the aquifer tests shows there are impacts?

My hope is that they would cut back the total proposed ag and aim to produce less. If it's just a very poor area for a well, then their only option could be to work with PWD, which I imagine is even more expensive

Great job in the meeting. You definitely helped clear up a lot of questions

Thank you!! You ↓ l. I was a little nervous in the hot seat 😊



Text message



EXHIBIT 36

Notes from Meeting -

Bennie Moore- Letter from Craig Parton saying he did not have water, said he was under the railroad

Dwight - retiring

Barrel springs

Mcclaren - no

Byden - yes

Yusosek -yes

Martin-yes

Knudson - yes

Private- kathy felt that a test well would be required

Felt concerns that small system would be a liability

Question water quality model?

-not current plans for water quality

-possibility that model with increased understanding of aquifer could be used for localized groundwater quality studies

-question about sharing data- said that agencies would be requested before sharing their data

-Very likely Craig or Gary Van Dam will sue over the water transfer

EXHIBIT 37

From: [Arden Wells](#)
To: [Phyllis Stanin](#)
Subject: Welcome back! Antelope Updates
Date: Thursday, May 4, 2023 2:17:00 PM

Hi Phyllis,

Welcome back! I hope you had a great trip.

I heard you're likely busy with some Kern County work, so I don't need to check in until early next week.

I have been very busy with Antelope Valley work. Everything is on track!

A few items we should discuss early next week:

- New Production applications are almost all ready for the May meeting and need to be reviewed by Wednesday morning. Mike is wrapping up figures, and I am waiting on some data for the Banuk application. None of them are atypical this month. **Let me know if you will be able to get to them on Monday or Tuesday or if you want me to sign off on them.**
- I wrote a draft of the HDWB Storage agreement. I need to work in some questions that Matt answered, so let me know when you can get to it and I'll make the finishing touches. We are hoping to get this in the June meeting so activity can begin in July.
- We got all of the Variable Assessments out by the R&R's May 1 Deadline for the first time in Antelope history! Jacqueline has been great to work with.
- The Annual Report is moving forward! We got the data in (except for LCID's), and I am currently working on contours.
- Barrel Springs was up for consideration at the last Board meeting. It was tense, and the application ultimately got rejected because of one "no" vote. We should discuss this.
- There were no questions related to the Subarea Management Discussion in the Advisory Committee.

Arden

Arden Alana Wells, PG
Associate Geologist



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EXHIBIT 38

From: [Arden Wells](#)
To: [Phyllis Stanin](#)
Subject: RE: Great Job!
Date: Wednesday, May 24, 2023 1:37:05 PM

I agree that it should be a condition for some projects, but we didn't think that whether or not the well would be productive was a material injury concern for this well. We considered it after the advisory committee meeting, but I couldn't find any evidence that it would affect nearby wells or cause material injury as defined in the Judgment. Further, their lawyers had expressed that they would resist requiring the pumping test results as a condition for approval (though they would do the pumping test and provide us with the data).

Prior to Kathy's concerns about consolidation, expressed after the vote, I was under the impression that if they couldn't produce the water needed to move forward with the project, it would be an issue only for Barrel Springs.

Arden Alana Wells, PG
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From: Phyllis Stanin <PStanin@toddgroundwater.com>
Sent: Wednesday, May 24, 2023 1:24 PM
To: Arden Wells <Awells@toddgroundwater.com>
Subject: RE: Great Job!

Well, I disagree with that. I think that we can require technical analysis with a condition of approval. We've never tested it but I wouldn't hesitate to try it.

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Arden Wells <Awells@todddgroundwater.com>
Sent: Wednesday, May 24, 2023 1:18 PM
To: Phyllis Stanin <PStanin@todddgroundwater.com>
Subject: RE: Great Job!

I met with Cameron prior to the meeting, and we established that, given our material analysis, it would not be appropriate for watermaster engineer to say that we require a test well prior to approval for this project.

Arden Alana Wells, PG
Associate Geologist



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From: Phyllis Stanin <PStanin@todddgroundwater.com>
Sent: Wednesday, May 24, 2023 1:02 PM
To: Arden Wells <Awells@todddgroundwater.com>
Subject: RE: Great Job!

Thanks. And I didn't even get into the new METRIC ET data, which I meant to introduce...we'll handle that in June (I still have some questions about what to do with it).

Currently, I'm looking in Appendix C and trying to add up all the banking amounts. I'd like to get that amount to Gailen as I promised him. We might want to summarize a total amount of stored water in the text.

Section 4.5 seems to handle the Carry Over Water request by Derek's comment, but it would be nice to summarize the total amounts in the text. The Board is right that it represents some liability to the Basin.

Thanks, Phyllis

Phyllis S. Stanin
Vice President and Principal Geologist



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From: Arden Wells <Awells@toddgroundwater.com>
Sent: Wednesday, May 24, 2023 12:41 PM
To: Phyllis Stanin <PStanin@toddgroundwater.com>
Subject: Great Job!

Great job with the presentation! There's a lot to cover this meeting!

Arden Alana Wells, PG
Associate Geologist



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