



# VILLA GRANDE

Domestic Water Improvement District

**Note: All meeting minutes are posted for informational purposes only. The board of directors does not ratify meeting minutes until the next scheduled board meeting.**

## Minutes

December 5, 2018 • Regular Meeting

**Call to Order:** Allen Grant called the meeting to order at 7:04 pm

**Directors Roll Call:** Present were Allen Grant, Terry Eickstaedt and Cauy Washburn. Ray Roerdink and Bernie Vargas were absent.

**Discussion/Action Minutes: Minutes from November 7, 2018 Regular Meeting.** A motion was made by Terry Eickstaedt to approve and ratify the minutes for the 11/7/18 Regular Meeting as written and seconded by Cauy Washburn. Vote unanimous 3-0. Motion carried.

**Call to the audience:** None present to address the board.

**Discussion/Action: Election Results.** Joni Roerdink stated that since Bernie Vargas and Allen Grant were running unopposed and there were only two seats available, the Board of Supervisors was notified by the election department. The Board of Supervisors canceled the election for the VGDWID and appointed both Allen Grant and Bernie Vargas to the Board of Directors of the VGDWID. Both positions are four-year terms. Both directors will receive a certificate from the elections department.

**Discussion/Action: Oath of Office for new directors.** Due to the two absent directors, the Oath of Office for new directors will be tabled until the next board meeting.

**Discussion/Action: Annual Election of Officers.** Due to the two absent directors, the Annual Election of Officers will be tabled until the next board meeting.

**Discussion/Action: ADEQ.** Joni Roerdink spoke with David Burchard, Water Quality Division at ADEQ. Last month he had sent the SWP, Source Water Protection, for review. Joni Roerdink and Jack Cook reviewed the contents for accuracy of content. The recommendations Joni submitted were to correct the address, notes made for “industry in the area”, correct contact individual for chemical handling and the size of the two tanks at the well site. Joni sent David information regarding the possibility of the new trucking plant with copies of the articles that appeared in the newspaper and the location of the plant which is to be approximate 1.5 miles due east of VGDWID at Houser and Vail. VGDWID is not sure if there will be any impact upon the water company but wanted to make David aware. The contact person for the individual responsible for handling and storage of chemicals (i.e. Chlorine) is Jack Cook. Those were the only recommended changes that were submitted. We will now just wait for him to finalize the SWP and return a copy to us.

On 11/29/18, Joni spoke with Linda Taunt regarding information about having M3 Engineering doing the drafting piece of the nitrate treatment plant. We have to move forward with the nitrate treatment due to the pump to waste not working as hoped. Linda said M3 Engineering would not be approved. ADEQ has statewide professional services listed at the state site shown under the state approved procurement lists for specific companies that are approved. Companies must go through the approval process to be added to the list. M3 Engineering is not on that list. The reason this is required by ADEQ is because any WIFA grant or funding that we get whether it is a grant or a loan, WIFA manages that piece. They deal with those vendors, they pay those vendors directly and therefore we don't have any part of that. This allows them to choose only qualified, approved vendors. That is also true in accordance with WIFA's Technical Assistance Program. David Burchard, SWP and Kal Raman, KUV Consultants, were both contracted through the Technical Assistance Program and were paid by WIFA. We can choose from their list what vendors we would like to use. There is only a couple of vendors on the list for Pinal County. Joni participated in a webinar for WIFA and what they will fund. When the presentation is made available, Joni will forward a copy to the directors. They have numerous sources of funding and as we have been made aware, they may forgive up to 50% of the principal debt for drinking water. That 50% is generally available for the smaller loans. The nitrate treatment system estimate also included incidental fees of 40%. Included in that total were the engineering fees which would be approximately \$50k-\$60k. If you apply for a loan with WIFA, they will pay for the fees up to \$50k. Joni stated as she receives more information, she will forward it to the directors. It will also include the steps necessary to move forward for the financing part. WIFA will help with the application and guide us through the entire loan application process, there are no fees for a loan and the interest rate is generally minimal...starting about 2.3% over 20 years. It will vary a little based on current interest rates. Because we have a federal designation of being a colonia and we are non-profit, we are considered as disadvantage and would probably fall within the lower range of the 2.3% interest rate. There is no minimum or maximum on the amount we can borrow. It is limited to what we can afford.

Allen Grant asked about the compliance for the ATC and how much longer we had. Joni stated as we had discussed approximately August 15th, once the ATC is filed and we start working on it, we are given 24-36 months to complete. Joni couldn't remember if it was 24 or 36 months. Since the water tank was installed, it is considered as having the work started. We need to get started on the application process as our next step.

**Discussion/Action: Well #1.** Joni Roerdink had consulted with Jack Cook before the board meeting and he stated we had not had any issues with well #1. The hydro tank pressure was low last week. Terry Eickstaedt had been working over at the well site and noticed it was continually kicking on and off. Terry contacted Joni and she called Jack and let him know what was going on. Jack had Chris come over and pressurized it again. Jack checked into some sensors and found they were too expensive for what our water company could afford. Chris did show Terry what needed to be done in the event of an emergency. Joni stated it had not happened to her knowledge in the past three years. She had asked Jack if a seal could be leaking and he said no. Sometimes this just happens. Jack will make this a part of his weekly checklist of items to review.

Cauy Washburn recommended that we check into a variable speed drive pump and do away with the hydro tank. This keeps your system pressurized according to Cauy. It is designed to kick on as needed. Jack can check into this.

Joni Roerdink stated that she forgot to ask Jack if the meter for well #1 had been replaced yet. Terry Eickstaedt stated it was working the last time he was over at the well site on 11/28/18.

**Discussion/Action: Well #2.** We have had no issues during the past month. There was discussion about

well #2 only pumping about 50 gpm. We don't have the funds to rehab well #2 at this time. We don't know if we have a sand problem again similar to what happened in 2013-2014. It would involve pulling the pump doing a video scan and possible drilling deeper if the sand has built up again. It could easily reach over \$30k-\$35k.

**Discussion/Action: Generator Maintenance Update.** Terry Eickstaedt stated he had spoken to the representative from Loftin Equipment and explained about the auxiliary fault light was on. It has also not been turning on for a couple of weeks. The service representative stated due to the age, it might be a little low on antifreeze. It was recommended to put in an additive. For Loftin Equipment to come out and service or diagnose, the cost is \$3.25 per mile and \$135 per hour. Minimum cost would be over \$1,000. Terry stated he would get the antifreeze and add it. Cauly Washburn recommended we also check the battery.

Joni Roerdink also mentioned that she did purchase the diesel fuel and the generator is full. Joni contacted Mike at Coolidge Fuel, LLC and they would charge us just what they charge at the pump (\$2.99 per gallon). There was no delivery charge. It took 74.8 gallons to fill the generator. Joni reviewed the previous diesel purchase and it was two years ago. Even during the power outage, the generator never exceeded an idle of 3 gallons per hour.

**Discussion/Action: Managers Report.** Joni Roerdink reported the following:

- Water bills were sent out on 12/3/18 and Final Notices were sent out 12/4/18.
- Disconnects are scheduled for 12/13/18.
- Delinquent Amounts: \$1,631.39 (23 past due accounts).
- Joni stated we are having a problem with people turning the water back on at the valve after VGDWID personnel have shut the water off due to customers moving. Joni believes that possibly the neighbors are turning the water on to keep the landscaping alive or as is the case with one home, there have been construction crews there and possibly turning it back on. The property owner may not be aware of it. Joni did send the property owner a letter stating the water was being turned on and he needed to contact VGDWID ASAP to sign up for water service. Joni has not heard from the property owner as of 12/5/18. This is considered water tampering. Joni will check with Jack Cook and see if he still has the yellow plastic locks that were purchased a couple of years ago.

**Discussion/Action: Equipment & Site Report/Lab Tests.**

- No new nitrate sample was taken in November because we are only required to sample quarterly. Nitrate sample taken on 10/1/18 was 18.1ppm
- The Coliform sample was taken on 11/13/18 and came back as absent. This sample is required to be done monthly.
- Joni stated that she had received an email from Bob Poindexter on 12/4/18. He is the Fire Marshal in Eloy. Bob calls and schedules a date to flush the fire hydrants and do flow testing on the hydrants. This allows Joni the time to notify the water customers and let them know that there may be some discoloration in the water and ask them to run the water until it becomes clear. Bob never notified Joni Roerdink or Jack Cook that he would be doing testing. A couple a customers called and asked what we were doing with the water and Joni stated nothing was being done to her knowledge. Joni said she believes the hydrant testing was the source of the couple of complaints she received. Bob Poindexter's email stated he had done the flow testing and had attached a report. VGDWID has never received a copy of a report. Bob stated, "I don't know what you have done but all of the flows are up substantially." Joni commented to the board, VGDWID had not done anything regarding the increase in the flows. Bob also mentioned in his

email, all hydrants need to have the threads lubed on all three ports of each hydrant. Joni made Jack aware of that. Bob also mentioned that all the hydrants need weed abatement around them. Joni will get someone to help her with that which will be less expensive than having Jack or Chris do it.

**Discussion/Action: Meters/Installations/Reinstallations/Leaks/Repairs.** Joni Roerdink reported that Jack had repaired a water line and a meter on Colt Drive last month. He also had to do some work on the chlorine injector. He will have to start cleaning it on a weekly basis because of the way it sprays, it builds up calcium then it gets plugged up and won't work. We have several meters that are bad on Colt Drive. Jack did order them and we have now received them. He will set up a schedule to get them all done at the same time. The hydrant on Stallion is still leaking. Jack looked at it again and doesn't think he can make the repair. The job is too involved. Terry had also contacted someone for a quote and after looking at it, declined to quote the job. It was too large a job to take on. The depth is currently seven feet deep. Jack had made some calls for outside quotes. He didn't get any firm quotes but explained what we had. The contractors he reached out to have to be licensed and have liability insurance. Right now, these contractors are extremely busy and this is not a high priority for them. The estimates were several thousand dollars to complete. Cauly Washburn mentioned that he would talk to Jack and give him some ideas.

**Discussion/Action: New Water Line Installation.** Nothing has been done on the water line across the canal during this period. The water loss for November was 19,364 gallons. The customer with the large leak apparently got it fixed as shown by the reduction in was loss during November.

**Discussion/Action: Approve and Ratify Expenditures & Purchases.** The Board reviewed the Expenditures and Purchases for the month. Terry Eickstaedt made a motion to approve and ratify the expenditures and purchases as written for November. Cauly Washburn seconded the motion. Vote unanimous 3-0. Motion carried.

**Adjournment:** The Agenda being completed, Allen Grant adjourned the meeting at 8:02 pm.

Date \_\_\_\_\_

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Bernie Vargas

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Allen Grant

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Ray Roerdink

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Cauly Washburn

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Terry Eickstaedt