



# 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

January 3, 2018  
Regular Meeting

**Call to Order:** Bernie Vargas called the meeting to order at 7:02 pm.

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

**Discussion/Action Minutes: Minutes from December 6, 2017 Regular Meeting.** A motion was made by Allen Grant to approve and ratify the minutes for the 12/6/17 Regular Meeting as written and seconded by Terry Eickstaedt. Vote unanimous 4-0. Motion carried.

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

**Discussion/Action: Well #1:** Ray Roerdink had submitted a request to Jack Moore regarding the costs of drop pipe, installation and getting well #1 back online. Ray emailed Jack Moore again yesterday and asked him to forward the information for both wells to Joni since he would be out of town. Joni Roerdink checked the email just before the board meeting and she had not received it.

**Discussion/Action: Well #2.** There were no nitrate samples taken for December since we have been put back on quarterly testing per ADEQ. The coliform test came back normal. After receipt of the second quote for the booster pump and the repair parts, the pump and parts were ordered and received on 1/2/18. Jack will be installing the new booster pump on 1/5/18. Allen Grant had a comment regarding well #2. He expressed concern over the sand in the well. Currently we have a sand separator at the surface but he believes at some point we will have to clean out the sand below the pump. Cauy Washburn stated that vendors make a sand separator that goes on the pump and will kick the sand out. It does not pull it up through the pipe like what we have at this time. Cauy recommended that we check into this type of sand separator when we are ready to put the new pump in that produces higher gpm. That would be the time to put it in. This type keeps the sand from eating up your pump and motor. Jack Cook commented that in the beginning the psi was about 10. Now it is about 20 psi. He is not sure what is creating the additional pressure. Cauy asked if Jack knew what the psi was on the original pump and Jack stated he didn't know because the gauge was not working at the time. Jack checks the psi on a weekly basis. Cauy recommended that we work on getting the correct pump back in well #2. Cauy suggested that we become affiliated with a pump company that when we have a problem we know the size of pump installed and have all the documentation. He also suggested the information be in the control box so we know what type of pump it is, how many gpm it pumps, etc. We should have all the specs on the pump and motors. Those vendors would also be able to answer questions we may have at any time. Allen Grant asked Joni if we had gotten a report back from Coolidge Pump on exactly what happened. Joni stated that she had not received anything at the time of the board meeting. A couple of board members would like to know what the problem was and why it happened. Terry Eickstaedt asked if a pump could be rebuilt. Cauy Washburn did not recommend it. Pumps generally don't go out. It is usually the motor that goes out. Allen Grant stated that we should hold vendors

accountable to provide reports when work like this is done. Cauly Washburn questioned why the pump and motor were taken from the well site. The pump and motor are property of the water company. None of the directors present knew if it was removed and taken for examination to make a determination for the failure or not. The directors are requesting a written report on why the pump failed.

**Discussion/Action: Well Site Security Update.** Allen Grant and Terry Eickstaedt went over to the well site and laid out the fence line on the Appaloosa side. No holes were dug. They need the posts cut. Cauly Washburn stated that he would cut the posts and get them over there. The only marking that needed completion was the water line and Jack Cook had gone and marked the line. Cauly asked if we could get a nitrate sample that is not sent to the lab. Cauly suggested it be done in house. Jack can run those tests in house. Cauly asked if Jack would let Joni Roerdink know and she can get back to the board with the information.

**Discussion/Action: Generator Maintenance Update.** Terry Eickstaedt had not gone over to the generator before the January meeting. The last check on the generator was 290.5 hours and the oil level was good. The fuel level was about 5/8 of a tank. Generally it is not filled until just below 1/2. Terry also confirmed that he had done some clean up work around the generator and looked for mice and bees. None found.

**Discussion/Action: ADEQ.** Joni Roerdink had spoken to Fiona, the designer at M3 Engineering after the last board meeting. She had requested additional lab tests for total suspended solids that both Culligan and Dytec requested. Jack Cook had done the testing in house. Joni had confirmed that this would be acceptable with Fiona and she stated that would be fine. She needed the information so she could calculate the amount of reject water for the evaporative pond. Based on the information that she had, she was looking at a 200' by 200' pond to handle the reject water produced. The information from the total suspended solids would make her numbers more accurate. Fiona also sent a link for Joni to look at for a wetland that was being used in Goodyear. It is on a much larger scale than we would need. Joni forwarded the link to Jack to look at. Fiona stated she felt it might be much less expensive if we were able to use that. Based on the numbers that Fiona has at this time, it is still going to be over \$500,000.00. Joni had spoken to Sara Konrad at WIFA and told her that the cost is not even close to the system that was initially discussed. After further review and additional information provided by vendors, the smaller systems would not meet our needs. Joni told Sara that she was waiting for the final report before she could finish the pre-application with WIFA. Initially we believed it would be about \$30,000.00 versus the \$500,000.00 that is now being suggested just to meet the needs of VGDWID. Sara thanked Joni for keeping her in the loop and to contact her once we have more information. Joni asked Cauly if he was familiar with any kind of wetland system. He had one before with a different employer. Cauly had not seen a wetland system designed for high nitrates. Cauly Washburn asked that Joni forward the link for the wetland example that was submitted by Fiona and he would review.

**Discussion/Action: Managers Report.** There were 30 delinquent accounts on 1.1.18. Six customers paid on 1.3.18. Final notices were sent on 1.1.18 with disconnects scheduled for 1.11.18. Joni Roerdink also reported making the requested change to the billing format showing the commodity charge. Jack Cook had asked about the well pipe at the well site and disposing of it. Jack is attempting to clean up the site prior to our annual inspection. Joni had emailed all the directors and Bernie Vargas was the only director that responded. Joni added it to the Manager's report to address during the 1.3.18 meeting. Allen Grant thought there should be some salvage value to it. He didn't think it should be given away. The pipe is fairly corroded. Allen believed there to be about 1,000 feet of pipe. The directors agreed that about \$0.20 per foot with a total of about \$200.00 and have someone haul it away.

Jack and Joni have been working together on the SWP report that is required to be filed with ADWR every five years. It was supposed to be filed in 2011 and was not done. Joni Roerdink had to pull the monthly meter readings for the last five years. The report was due on 1.1.18. The software records only went back to June 2014. Joni had to manually enter and calculate the readings from January 2012 – May 2014. Jack had contacted our contact person at ADWR to see if we could get an extension. We were granted an additional 30-day extension. It should be done within a week or two. The initial report was done in 2007 and the update should have been done

in 2011. It was not completed. All three wells have to be reported. Joni did not know anything about it nor did she know it had not been updated in 2011. A copy of the report from 2007 was sent to Jack and Joni was copied on the email.

**Discussion/Action: Equipment & Site Report/Lab Tests.** The last nitrates sample was done in November 2017 and it came in at 13.0 ppm. We are only required to test quarterly per ADEQ. The coliform sample came back normal and was submitted timely.

**Discussion/Action: Meters/Installations/Reinstallations/Leaks/Repairs.** Jack Cook replaced two meters and one box on Appaloosa. He also dug and filled the trench for the sand separator backwash line, cleaned and burned weeds around both well sites in preparation for the annual inspection. Jack had asked if he could order more concrete boxes. He is currently out. He would like to replace meters and boxes at the same time. Jack was told by the board to go ahead and order about 10 boxes to complete the most critical repairs.

**Discussion/Action: New Water Line Installation.** Joni Roerdink had provided the directors with copies of the drawings that Brian Betcher had sent Cauly Washburn of the overchute and the approved placement of the new line. The board reviewed the drawings. Cauly Washburn explained how the line would have to be placed per the drawings submitted by Brian Betcher. Any questions would have to be addressed with Brian before the work was done. The line has to go over the canal it can't go under. Jack Cook asked if the board wanted him to try and get some quotes as well. We will need three quotes for this project. Bernie Vargas asked if we could go on either side of the overchute. Cauly stated that he would have to confirm that. The board thought it would be easier to go along the east side. Cauly Washburn stated he would email Brian Betcher and ask if we could go across the east side. The proposed drawing by Brian Betcher is along the west side. Jack Cook stated that he would try and get someone over to the site on 1/4/18 to give a quote. Cauly Washburn stated there would not be a need for permitting across the overchute. He did not know about the road. We have to contact the county and submit what we will be doing. There may be some permitting with the county. Brian Betcher also made a comment in his email that he would like to meet with the contractor and we would also have to furnish "As Built."

**Discussion/Action: Approve and Ratify Expenditures & Purchases.** Allen Grant had a question concerning the income for the year. He thought it was much less than previous years. Joni Roerdink reminded the board the water company is not on a calendar year but a fiscal year that runs from July 1<sup>st</sup> through June 30<sup>th</sup> each year. The income reported to date is only half of our income for this fiscal year. Allen said he had forgotten that.

Terry Eickstaedt asked if Joni Roerdink had heard anything more about the principal forgiveness. Sara Konrad responded to Joni's request for additional information regarding some of the forgiveness. Sara stated that she couldn't give any more information until we submit a formal application. Sara did say they would not wipe out 100% of the debt. Sara stated that she did review VGDWID and found that we were designated by a federal agency as a Colonia, which tells them that we are in need of assistance. She also stated it could very well qualify VGDWID for the additional assistance because of the Colonia designation. We will need all the numbers from M3 Engineering for the cost of the nitrate treatment system, including the pond, fencing, etc. to be able to submit an application for funding. Fiona, at M3 Engineering is also reviewing the monthly maintenance costs for each system as well. The pond will have to be fenced. The systems that Fiona is calculating the pond for is both reverse osmosis and ion exchange and calculating the maintenance costs for each respectively. Joni Roerdink stated at the current time the water company is not in a financial position to pay for the nitrate system that will meet the needs of the water company. The water company doesn't generate that kind of income. WIFA will review all information submitted for the entire project.

The Board reviewed the Expenditures and Purchases for the month. Allen Grant made a motion to approve and ratify the expenditures and purchases as written for December. Terry Eickstaedt seconded the motion. Vote unanimous 4-0. Motion carried.

**Adjournment:** The Agenda being completed, Bernie Vargas adjourned the meeting at 8:32 pm.

Date \_\_\_\_\_

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Bernie Vargas

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Allen Grant

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Ray Roerdink

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Cauy Washburn

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Terry Eickstaedt