

**APPROVED**  
**Board of Directors**  
**Wynola Water District and**  
**Wynola Estates Fire Safe Council**  
**September 14, 2024, 9:00 a.m.**  
**22135 CA – 79 Santa Ysabel CA 92070**

- i. Call to Order 9:02 a.m.**
- ii. Roll Call of Board of Directors:**
  - **Jim Madaffer, President-present**
  - **Ron Placa, Vice President-absent**
  - **Brenden Kelso, Treasurer-present**
  - **Sandie McCann-present**
  - **Steve Kincaid-present**
- iii. Additions to the Agenda-none**
- iv. Approval of meeting minutes of August 10, 2024**
  - i. Motion from Kincaid and second from Madaffer to approve minutes.**  
**4 Ayes, 0 Noes, 1 Absent**
- v. Public Comment – Opportunity for members of the public to address the Board on matters within the Board’s jurisdiction. People addressing the Board are requested to state their name and address for the record.**
  - **Ian Wright Springview Rd. (formerly Marion Moore’s house). Ian asked about the water quality of the estates.**
- vi. Treasurer’s Report: Brenden Kelso**
  - i. Total balances for all WWD banking, savings and CD accounts: \$484,000.**
  - ii. The reserves will be used for the down payment of a water treatment facility. The reserves will allow us to qualify for a loan to pay for the treatment facility.**
- vii. Office Manager’s Report: Karen Kincaid**
  - i. SDG&E are supplying us with free pallets of bottled water. The crews have broken five pipes, which has caused contamination of our water with E. coli.**
  - ii. We will continue receiving free pallets of water until our water comes back clean from any contaminates.**
  - iii. Two houses for sale in the estates, Di Bernado home, corner of Springview and Meadowridge Rd. and the Marquez house on Mountainbrook Rd. in the cul-de-sac.**
- viii. Old Business:**
  - a. Report by Board President Jim Madaffer (this will include the actions taken to date since the last board meeting on August 10, 2024).**
    - i. Please sign up for the WWD texts, as we have had problems with our water lately that has caused the necessity to alert the residents via texts and emails.**

- ii. In July, the Board voted to hire Tim Guishard as our new Certified Water Operator. Since July, Tim is attempting to get the WWD closer into compliance with the standards for iron and manganese.
- iii. Jim and Tim talked to the grant writer we hired, Ed Sayles, from California Consulting, regarding the need for a grant to help pay for a treatment facility. Ed sent a letter to the Jessica Krebs at California Waterboards and explained what was happening with the water quality in the estates:
  - 1. They have received a compliance order regarding the presence of contaminants in their drinking water.
  - 2. The current capacity does not meet fire safety standards.
  - 3. They have been under a boil water directive for several months.
  - 4. The piping in the system is concrete/asbestos. It is 50 years old and at or quickly approaching the end of usefulness.
  - 5. The nearest water system is at capacity, so consolidation is not an option.
- iv. Tim Guishard thinks Well #10 is being contaminated by Well #8, which has not been operating for several years. It is possible that Well #8 is stagnating and polluting Well #10, which sits right next to each other. Staley Brothers is coming out Tuesday of next week to look at Well #8 and cap it and shut it down.
- v. The water pipes in the street also need to be replaced, as they are over 50 years old made with concrete and asbestos. The cost to replace these water mains would be approximately \$3.5 - 4 million dollars. We would leave the old mains in the ground and place the new water mains next to old mains.
- vi. Jim was able to get SDG&E/NV 5/Henkels & McCoy to agree to give us the electrical markings plans on where the undergrounding was placed. We will also ask them to give us a map where the pipes were broken by the crew when digging to put undergrounding pipes in. If they break again, we will hold SDG&E responsible for the repair and associated costs.
- vii. Karen Harris is compiling all the costs that the WWD has incurred resulting in the SDG&E undergrounding of utility lines project and will submit that to SDG&E for reimbursement. Invoicing would include labor, chlorine disinfectant costs, wasted water from flushing the disinfectant from the system.
- viii. We received another compliance order from the State of California in August 2024, regarding the iron, manganese levels were above allowed standards.
- ix. Jim asked Tim Guishard to prepare a priority list of all the needs the district needs to address.
- x. Tim has recommended that we buy and install a Hypo-Chlorination System at the pumphouse. This will automatically chlorinate the water when contaminated. Cost is \$10,000 for equipment, \$4,000 installation and \$250 a month for chlorination treatment. Time frame permitting plus

**6-8 weeks for equipment to arrive/install. The Board moved to approve this expenditure. Motion by McCann and seconded by Madaffer to install the Hypo-Chlorination system at the pumphouse. 4 Ayes, 0 Nays, 1 Absent.**

- xi. We are going to need more space at the pumphouse soon. To be discussed later, with alternative ideas as we move forward with a treatment system.**
- xii. Sandie McCann recommended that some of the homeowners, who had direct breaks in the water mains and their water was used to flush out the lines, be compensated. We will add this compensation on to the invoice we send to SDG&E for WWD expenditures of water main breaks.**
- xiii. Karen Harris has been putting together a lead line service report. We must test every house built before 1982. She prepared the six kits used to test the water from these homes. Karen also prepared a report sent to the State with the proposed six lot numbers for testing. The State approved the proposed testing sites and for us to proceed with the testing before the end of the month.**
- xiv. The two booster pumps shut down this last week which caused low pressure.**
- xv. Our well levels are doing very well. We have plenty of water.**

**b) Report by WWD Water Operator: Tim Guishard (notes sent to Jim)**

- i. In an attempt to get WWD closer into compliance with the standards for iron and manganese, I have made significant changes to the SCADA. You can see from the latest set of water samples measured at 4924 Mountainbrook on August 14 that:
  - o The iron concentration was 1200 mg/L**
  - o The manganese concentration was 130 mg/L**
  - o These are significantly lower than your highest wells, but not completely within the standards.****
- ii. By using water quality data from the last round of testing and estimated well pump volumes from wells 3 and 10, if WWD could only use only wells 3, 7 and 10, WWD would be in compliance with the regulations for both contaminants. Unfortunately, this is not possible.**
- iii. Since Tim has been in charge of SCADA-
  - o Brought well 10 back on line**
  - o All 5 wells were set to alternate, with no more than 3 wells operating at any time.**
  - o Increased the allowable run time for wells 3, 7, and 10, to 6 hours per cycle.**
  - o Changed to schedule the wells to primarily run in the early morning. If the tanks were extremely low, they could run at other times.****

- Multiple broken pipes have required the pumps to run in the afternoon to refill the tanks at least 3 times, and this caused a lot of water to be supplied from wells 9 and 11.
  - I have changed all the wells to running each day.
  - Put wells 9 and 11 on severe rations, only allowing them to operate for 15 minutes per cycle.
  - Allow wells 3, 7, and 10 to run up to 8 hours per cycle.
  - Continue to schedule the wells to primarily run in the early morning. If the tanks were extremely low, they could run at other times.
  - If the wells 3, 7, and 10 can keep up with the above schedule:
    - On most days this will completely fill the water tanks.
    - On some days this will not completely fill the water tanks.
    - I may need to increase times on wells 3, 7, and 10, respectively if they can handle more pumping, to completely fill the tanks more often.
    - We should have new water meters installed on wells 3 and 10 connected to the SCADA and water level measurements from well 3 in the next month or so. These will be a huge help in calculating water quality and knowing how the wells produce.
    - I may, as a last option, need to increase times on wells 9 and 11.
    - Using water quality data from the last round of testing, and knowing what the well pumps are currently producing, this latest change should bring:
      - ❖ The iron down another 25% from the August 14 sample date to around 850 mg/L and the manganese into compliance at <50 mg/L.
      - ❖ WWD consumers should be noticing a significant improvement in their water quality by the end of August (if there are no more broken pipes!)
- iv. This does not eliminate the need for some treatment, for water produced from wells 9 and 11. These pumps should be downsized (and/or VFD's added) to reduce the size of the treatment equipment needed from these wells. Again, WWD only needs to treat water from these 2 wells. The other wells should be left untreated, to leave some iron and manganese in the water, to help protect the asbestos pipe from the severe water quality changes that treatment induces.