

Merquin County Water District

**Minutes of the Regular Meeting
Of the Board of Directors
Wednesday, March 27, 2024**

The Meeting of the Board of Directors of the Merquin County Water District called to order in regular session at 19684 Second Ave., Stevinson, California 2:00 p.m.

Present were, President Adam Azevedo, Vice President Freddy Oliviera, Director Rick Jones, Director Danny Drumonde, Absent Director Phil Dores

President called the meeting to order 2:05 p.m.

Discussion: MSGSA Presentation on DRAFT Groundwater Pumping Allocations.

Proposed Groundwater Pumping Allocation for the MSGSA was presented by Mr. Greg Young of Zanhero, an engineering consultant for the MSGSA.

Motion approving Meeting Minutes of March 12, 2024

Moved by Director Danny Drumonde, seconded by Director Freddy Oliviera

Motion Carried Unanimously

Motion approving list of warrants for March 27,2024

Moved by Director Rick Jones, seconded by Director Danny Drumonde, approving list of warrants in the amount of \$ 13,326.35

Motion Carried Unanimously

Motion approving checking account expenditures for March 27, 2024

Debit in the amount of \$638.33 paid to QuickBooks

Motion approving Entitlement List 2024

Moved by Director Rick Jones, seconded by Director Freddy Oliviera

Motion carried Unanimously

Motion approving Financial Report for February 2024

Moved by Director Danny Drumonde, seconded by Director Freddy Oliviera approving Financial Report for February 2024.

Motion Carried Unanimously

Correspondence
None

Civil Engineer Eric Swenson:

1. **Discussion:** Explanation of DRAFT MSGSA Pumping Allocations with typical farm examples. Discussion of online Water Accounting Platform.

District Engineer presented Handout for the MSGSA Pumping Allocations

How Much Irrigation Water Will Farmers in MCWD Get?

- Typical Year Surface Water (April – September) = 14,211 AF
- Typical area farmed = 6,489 Acres
- Surface Water/Acre = 2.19 Ft = 26 inches applied
 - ET for Drip Irrigation Approx. = $26 \times 0.92 = 23.9$ inches
 - ET for Flood Irrigation Approx. = $26 \times 0.65 = 16.9$ inches
- Proposed 2026 Allocation = 24 inches of ET
- Estimated Total 2026 ET Available
 - Drip = $24 + 23.9 + 4 = 51.9$ inches
 - Flood = $24 + 16.9 + 4 = 44.9$ inches
- Typical ET Demand = 27 – 38 inches (51 inches Maximum)

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How Much Irrigation Water Will Farmers in MCWD Get in 2036 if water table falls below 2015 Elevations?

- Typical Year Surface Water (April – September) = 14,211 AF
- Typical area farmed = 6,489 Acres
- Surface Water/Acre = 2.19 Ft = 26 inches applied
 - ET for Drip Irrigation Approx. = $26 \times 0.92 = 23.9$ inches
 - ET for Flood Irrigation Approx. = $26 \times 0.65 = 16.9$ inches
- Proposed 2036 Allocation = 13 inches of ET
- Estimated Total 2036 ET Available
 - Drip = $13 + 23.9 + 4 = 40.9$ inches
 - Flood = $13 + 16.9 + 4 = 33.9$ inches
- Typical ET Demand = 27 – 38 inches (51 inches Maximum)

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Additional Sources of Water?

- 1. Purchase additional surface water from SWD.**
- 2. Managed Recharge Credits.**
- 3. Groundwater will be tracked with 5 year "bucket" of water and more water can be used in some years if used less in other years.**

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How Much Pumped Water is ET Allocation Equivalent to?

- ET Allocations are based on gross parcel (APN) acres.**
- 24" ET Allocation – Approximate Calculation**
 - Drip Irrigation – $24" / 0.92 = 26"$ Pumped**
 - Impact Sprinklers – $24" / 0.825 = 29"$ Pumped**
 - Flood – $24" / 0.65 = 36.9"$ Pumped**

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How Much Irrigation Water Will Farmers with 100% GW Get in 2026?

- Typical Year Surface Water (April – September) = 0 AF
- Proposed 2026 Allocation = 24 inches of ET
- Estimated Total 2026 ET Available
 - Drip = $24 + 4 = 28$ Inches
 - Flood = $16.9 + 4 = 20.9$ inches
- Typical ET Demand = 27 – 38 inches (51 inches Maximum)

- Note: Based upon average pumping. MSGSA is proposing a 5 year “bucket” of water for accounting purposes.

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How Much Irrigation Water Will Farmers with 100% GW Get 2036 if water table falls below 2015 Elevations?

- Typical Year Surface Water (April – September) = 0 AF
- Proposed 2026 Allocation = 13 inches of ET
- Estimated Total 2026 ET Available
 - Drip = $13 + 4 = 17$ inches
 - Flood = $13 + 4 = 17$ inches
- Typical ET Demand = 27 – 38 inches (51 inches Maximum)

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2. **Discussion/Action:** Appoint Primary and Alternate Representative for Committee to discuss new GSA formation with other Subbasin GSAs. Discuss MSGSA required steps to form new GSA formation.

Motion Appointing a Primary and Alternate Representative for Committee to discuss new GSA formation with other Subbasin GSA's.

Moved by Director Rick Jones, seconded by Director Freddy Oliviera appointing Eric Swenson as primary, Michael Brasil as Alternate Representatives for the GSA formation meetings of the new GSA

Matters for the Good of the District

Mr. Xavier attended requesting to receive water from the Sprole on 3 parcels he is looking to rent.

Crystal questioned the board regarding in-season and out of season water rates.

The board votes unanimously that out of season water rates would be cost \$60/AF plus 10% which would be \$66.00/AF. In season water is \$32.50 for 0-2 AF and \$37.50 for 2+ AF

Office

Quad Knoff had been overpaid in 2021, Crystal contacted them, and they will be sending a check to MCWD for the over payment.

Maintenance Report

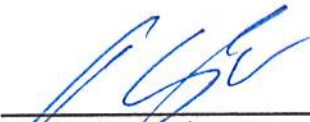
Jimmy reported MCWD had purchased and received 111.18AF of preseason surface water from SWD. The cost of this water was \$60/AF.

**AllPro installed a vent pipe on Wellsite #10
Two wells were run for water on the Gooseneck.
The backhoe is broken down, Jimmy will get parts and have the mechanic install them.**

MOTION TO ADJOURN

Moved by Director Rick Jones, seconded by Director Freddy Oliviera to Adjourn.

Motion Carried Unanimously



Adam Azevedo
President



Freddy Oliveira
Vice President



Betty Gues
Secretary