

SAN ELIJO JOINT POWERS AUTHORITY
MINUTES OF THE BOARD MEETING
HELD ON NOVEMBER 15, 2022
AT THE SAN ELIJO WATER CAMPUS

Kellie Hinze, Chair

David Zito, Vice Chair

A meeting of the Board of Directors of San Elijo Joint Powers Authority (SEJPA) was held Tuesday, November 15, 2022, at 8:30 a.m., at the San Elijo Water Campus

1. CALL TO ORDER

Chair Hinze called the meeting to order at 8:32 a.m.

2. ROLL CALL

Directors Present:

Kellie Hinze
David Zito
Kristi Becker

Others Present:

General Manager	Michael Thornton
Director of Operations	Chris Trees
Director of Infrastructure and Sustainability	Tom Falk
Director of Finance and Administration	Amy Chang
Administrative Coordinator	Vanessa Hackney
Administrative Assistant I	Tamara Cooper

SEJPA Counsel:

Procopio	Adriana Ochoa
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City of Encinitas:

Utilities Superintendent	Shawn Atherton
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City of Solana Beach:

City Manager	Greg Wade
Director of Engineering/Public Works	Mohammad "Mo" Sammak

Michael R. Welch Consulting:

CEO	Michael R. Welch, Ph. D., P.E.
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Trussell Technologies:

President and CEO	Shane Trussell, Ph. D., P.E.
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3. PLEDGE OF ALLEGIANCE

General Manager, Michael Thornton, led the Pledge of Allegiance.

4. ORAL COMMUNICATION/PUBLIC COMMENT PERIOD

None.

5. AWARDS AND RECOGNITION

Tom Falk – New Hire – Director of Infrastructure and Sustainability

6. CONSENT CALENDAR

Moved by Board Member Becker and seconded by Vice Chair Zito to approve the Consent Calendar.

Agenda Item No. 7	Approval of Minutes for the October 18, 2022 Meeting
Agenda Item No. 8	Approval for Payment of Warrants and Monthly Investment Report
Agenda Item No. 9	Wastewater Treatment Report
Agenda Item No. 10	Recycled Water Report
Agenda Item No. 11	Reportable Meetings
Agenda Item No. 12	Recycled Water Valve Replacement Project – Revised Strategy for Project Delivery

Motion carried with the following vote of approval:

AYES: Hinze, Zito, Becker
NOES: None
ABSENT: Blakespear
ABSTAIN: None

14. RECEIVING WATER MONITORING REPORT

Guest Speaker Michael R. Welch of Michael R. Welch Consulting gave a presentation on the conclusions of the Receiving Water Monitoring Report, summarized as follows:

- The SEWC achieves a high degree of treatment compared with typical secondary treatment ocean discharges.
- The SEWC discharge consistently achieves compliance with NDPES effluent limitations, performance goals, and effluent toxicity standards.
- The SEOO discharge consistently achieves compliance with State of California Ocean Plan receiving water standards.
- The SEOO discharge has no discernible effect on sediment conditions.
- The SEOO discharge has no discernible adverse effects on benthic species populations or diversity.
- The SEOO discharge has no discernible adverse effect on the health of fish.
- The SEOO discharge zone (which is a marine protected area) is characterized by high quality ocean water and abundant sea life.

No action required.

15. RECYCLED WATER QUALITY AND SYSTEM EXPANSION STUDY

Guest Speaker Shane Trussell of Trussell Technologies gave a presentation on an engineering study conducted by Trussell Technologies to evaluate options for improving SEJPA's recycled water quality and system performance. The study outlined a stepwise approach that addresses desired near-term improvements, benefiting the current recycled water program as well as being foundational for future pure water treatment. By advancing projects in a stepwise manner, SEJPA can achieve project benefits at the earliest, economically viable time while avoiding the risk of stranded assets should future criteria favor an alternative strategy for expanding the recycled water program. The study identified four sequential projects:

- Nitrification and Denitrification (NDN) Upgrades and CCB Retrofit
- Membrane Filtration Expansion
- 1 MGD of Potable Reuse to Expand Water Recycling, "Pure Water" (Initial Phase)
- Expand Potable Reuse Capacity to 3 MGD to Maximize Reuse, "Pure Water" (Buildout)

With the concurrence of the Board, the next steps would be to (1) validate the business case for immediate implementation Project 1 - NDN and CCB Retrofit; (2) request engineering proposals to prepare design and construction documents for Project 1; and (3) prepare financing options to fund Project 1. The business case validation, engineering proposals and project funding plan will be presented to the Board at a future meeting for discussion and consideration of approval.

SEJPA has received notice from the US Bureau of Reclamation for a grant award associated with recycled water development. This could bring up to \$2.5 million in federal funding for the first project, however it should be noted that the grant has a 2025 calendar year completion requirement.

No action required.

16. GENERAL MANAGER'S REPORT

General Manager, Michael Thornton stated that SEJPA hosted a women's junior high and high school STEM engagement at the Water Campus on Saturday, October 22, 2022.

General Manager Thornton also stated that SEJPA has signed two resource sharing agreements. One with Olivenhain Municipal Water District for shared safety trainings and operator resource sharing and one with Leucadia Wastewater District for Recycled Water Facility Assistance.

17. GENERAL COUNSEL'S REPORT

General Counsel, Adriana Ochoa, gave an update that Procopio attended the CASA meeting which reviewed approximately six to nine new legislation items that will go into effect January 1, 2023, that could impact public wastewater agencies. Procopio will be providing a summary of these items to share with the board.

18. BOARD MEMBER COMMENTS

None.

19. CLOSED SESSION

None.

20. ADJOURNMENT

The meeting adjourned at 9:33 a.m. The next Board of Directors meeting is scheduled to be held on Tuesday, December 13, 2022 at 8:30 a.m.

Respectfully submitted,



Michael T. Thornton, P.E.
General Manager