

**Carmel Area Wastewater District/Pebble Beach Community Services District
Pebble Beach Company**

**WASTEWATER RECLAMATION PROJECT
MANAGEMENT COMMITTEE**

MINUTES

**Meeting of February 7, 2023
Pebble Beach Community Services District (PBCSD)**

1. Call to Order

Mike Niccum, PBCSD General Manager, serving as facilitator, called the meeting to order at 9:30 a.m. Members or alternates present were:

Ken White and Michael Rachel, Board of Directors, Carmel Area Wastewater District (CAWD)
Richard Verbanec and Peter McKee, Board of Directors, Pebble Beach Community Services District (PBCSD)
Brent Reitz, Director of Energy and Water Conservation, Pebble Beach Company (PBCo)*
Joe Huston, Chief Executive Officer, NCGA Independent Reclaimed Water Users Group (IRWUG)

Absent: None

Others in attendance:

Stephanie Atigh, Legal Counsel, CAWD/PBCSD
J.J. West, General Manager, Monterey Peninsula County Club
Barbara Buikema, General Manager, CAWD
Jim Grover, Principal Accountant, CAWD*
Ed Waggoner, Operations Superintendent, CAWD
Chris Foley, Maintenance Superintendent, CAWD*
Patrick Treanor, Plant Engineer, CAWD*
Nick Becker, Deputy General Manager/District Engineer, PBCSD
Chris Simmons, Associate Engineer, PBCSD
Marianna Pimentel, Finance Director, PBCSD
Yuriana Nuñez, Administrative Coordinator, PBCSD
David Stoldt, General Manager, Monterey Peninsula Water Management District (MPWMD)*
Suresh Prasad, Administrative Services Manager/Chief Financial Officer, MPWMD*
Vinod Badani, E2 Consulting Engineers*
Laura Paxton, Clerk, PBCSD

**Signifies virtual attendance*

2. Period for Welcoming Visitors, Receiving Public Comment Regarding Matters Not Listed or Considering Changes to the Agenda

There were no requested changes to the agenda.

3. Minutes

It was moved by Member Verbanec, seconded by Member Huston, and unanimously carried 6-0 to approve the minutes of the November 15, 2022 Committee meeting.

4. Receive and Consider Reports Relating to Operations and Maintenance of Project

A. Financial Statements (ending December 31, 2022)

Jim Grover, CAWD Principal Accountant gave an overview of Financial Statements for the period ending December 31, 2022. The Reclamation Project was reported to be in good financial standing.

The O & M Financial Statements for the period were received for information and no action was required.

B. Wastewater Treatment Plant Operations and Maintenance and Capital Projects

Ed Waggoner, CAWD Operations Superintendent presented slides and briefed the committee on plant maintenance and operations during the period. With Forest Lake Reservoir reaching full capacity on January 23rd, extensive preventative maintenance tasks are being performed while the plant is shut down. Chemical costs continuing to be volatile, the cost of chlorine has tripled within the last month. Though there is supply chain risk coming from China, microfiltration (MF) modules that historically lasted for a year to 18 months are currently operating well with an observed service life now reaching four to five years. Currently there is one complete cell (160 modules) of MF membranes in stock at CAWD with another on order; a third cell will be budgeted next year. In addition, there are enough reverse osmosis (RO) membranes in stock at CAWD to replace stages three and four. Stages one and two currently have 3.5 years on a 6-year life span. Mr. Waggoner described aspects of utilizing the Mainsaver computer maintenance management system for planning preventative tasks while the MF/RO facilities remain offline. During the January 9th storm event, the peak flow at the CAWD treatment plant reached a total daily average of 4.5 million gallons per day (mgd) while observing a peak flow of 9.5mgd that lasted approximately an hour.

Chris Foley, CAWD Maintenance Superintendent described the updated and fully migrated Supervisory Control and Data Acquisition (SCADA) system that now shares the same platform as the treatment plant and distribution system allowing for greater real-time data sharing amongst PBCSD and CAWD staff.

Patrick Treanor, Plant Engineer provided slides and reported on the Sulfuric Acid Capital Improvement Project. Control panels still need to be moved out of the containment area, special wires from pump manufacturer are coming, and specialized chemical resistant piping should be in this week. System startup testing will use water for several weeks to test for leaks prior to bringing the new system online. Mr. Treanor stated that current capital improvement project under construction at the treatment plant has a reclamation cost share equating to approximately 2% of the \$7million cost of upgrading the treatment plant. A 15-year capital improvement program specific to the MF/RO and Tertiary facilities is being developed encompassing risk assessment, condition assessments, cost projections, technical memorandums, and engineering analysis; some draft segments are complete and out for review. Mr. Niccum noted more detail would be given during the Wastewater Reclamation Project budget process in May.

The Wastewater Treatment Plant O&M and Capital Report was received for information and no action was required or taken by the Committee.

C. Distribution System Operations and Maintenance and Capital Projects

Nick Becker, PBCSD Deputy General Manager/District Engineer presented slides and provided a distribution system operations/maintenance and capital report. Forest Lake Reservoir stands at 100% of capacity, with the Poppy Hills storage tank being topped off when necessary. The Forest Lake Reservoir embankment performed as expected during recent storm events with no abnormal conditions reported. Recycled water continues to be produced with sodium levels at or below project specification, current sodium levels at the reservoir are slightly below normal due to addition of recent rainfall events. All six alternative source water (ASW) projects shall remain off-line until the onset of the irrigation season. The ASW projects had a record production year in 2022 contributing 16.7 million gallons of additional supply water (versus 13.4 million gallons in 2021). Capital projects including the Distribution Pipeline Cathodic Protection Project and Bird Rock Well No.02 Project are currently being developed. Construction activities related to both projects are anticipated to commence in Spring of 2023.

The Distribution System O&M and Capital Report was received for information and no action was required or taken by the Committee.

5. Receive Miscellaneous Information or Announcements from Members, Staff or Visitors

David Stoldt, MPWMD General Manager noted that with another ½” of rainfall Water Year 2023 (October 1, 2022 – September 30, 2023) would be categorized as a “wet” year. The aquifer under the Carmel River that supplies 35% of the domestic water that California American Water (CAW) delivers is full, equating to a 5 to 6-year supply. However, an additional supply of 1,000 acre-feet is still needed to insure a permanent water supply. Mr. Stoldt and Mr. Becker gave details of CAW’s commissioning of two new pump stations to reverse main line flow from Pacific Grove to Carmel Valley, subject of a notice sent by CAW to customers advising that the work may cause cloudy tap water.

6. Closed Session

The Committee did not meet in closed session.

7. Adjournment & Next Meeting Date

There being no further business at 10:28 a.m., it was moved by consensus that the Reclamation Management Project Committee adjourn to its next regular meeting on Tuesday, May 9, 2023, at 9:30 a.m. in the PBCSD Boardroom at 3101 Forest Lake Road, Pebble Beach.

Respectfully submitted:

Laura Paxton, Clerk
Pebble Beach Community Services District