

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

**WASTEWATER RECLAMATION PROJECT  
MANAGEMENT COMMITTEE**

**MINUTES**

**Meeting of February 20, 2015  
Pebble Beach Community Services District Boardroom  
Forest Lake & Lopez Roads, Pebble Beach, CA**

**1. Call to Order**

Mike Niccum, PBCSD General Manager, serving as facilitator, called the meeting to order at 9:40 a.m. Members or alternates present were: Robert Siegfried and Charlotte Townsend, Carmel Area Wastewater District Board of Directors (CAWD); Richard Verbanec and Peter McKee, Pebble Beach Community Services District Board of Directors (PBCSD); Brent Reitz, Capital Services Project Manager, Pebble Beach Company (PBCo), and Mike Bowhay, Independent Reclaimed Water Users Group (IRWUG).

**Others in attendance:**

Barbara Buikema, General Manager, CAWD  
Rob Rathie, Legal Counsel, CAWD/PBCSD  
Jim Grover, Principal Accountant, CAWD  
Kevin Young, Operations Supervisor, CAWD  
James Pinkevich, Plant Superintendent, CAWD  
Hank Matz, CAWD  
David Stoldt, General Manager, Monterey Peninsula Water Management District (MPWMD)  
Nick Becker, Principal Engineer, PBCSD  
Laura Dadiw, Clerk, PBCSD

**2. Period for welcoming visitors, receiving public comment regarding matters not listed or considering changes to the agenda**

There were no comments or requested changes to the agenda.

**3. Minutes**

*It was moved by Member McKee, seconded by Member Verbanec, and unanimously carried, to approve the minutes of the Committee meeting of November 14, 2014.*

**4. Consider adjustment to Operations and Maintenance Budget for ClearLogx Project to improve microfilter performance**

Brent Reitz, Pebble Beach Company gave a comprehensive report of the recent ClearLogx pilot test conducted on the plant's microfiltration membranes. The pilot test concluded that, when ClearLogx was applied, there were noticeable improvements in the membranes' ability to shed particulate matter during back flush cycles. A full-scale application of ClearLogx on a monthly equipment rental basis budgeted for a four month period was recommended, as well as the purchase of a second set of used membranes from Carter Lake.

*It was moved by Member Siegfried, seconded by Member Townsend, and unanimously carried, to receive the presented reports and, based on report information, to approve an increase in the Microfiltration Membrane Plan budget from \$100,000 to \$200,000.*

**5. Forest Lake Reservoir Storage Expansion Project**

Nick Becker, PBCSD Engineer, gave an update on the current evaluation to increase storage capacity at the Forest Lake Reservoir Facility. Given that the anticipated cost to implement this project would likely exceed prior estimates of \$1,000,000 to \$2,000,000, and that the granted expansion may result in less than 12 million gallons increased capacity, there was consensus to defer submittal of a formal application to the California Division of Safety of Dams.

**6. Annual Reclamation Project inspection report**

Mr. Niccum reported that an RMC subcommittee had selected consultant Joe Reichenberger to conduct the inspection. Mr. Reichenberger will be assisted in his evaluation by Grade V operator consultant Michael Bell. The inspection/evaluation shall commence at the end of March.

**7. Receive and consider reports relating to Operations and Maintenance of Project**

**A. Financial Statements (December 2014)**

Mr. Grover summarized the statements, noting that revenues and expenses are tracking with projected amounts.

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

**B. Receive/consider reports relating to Project operations and maintenance – (“O & M”) of Project**

CAWD Plant Superintendent Jim Pinkevich and Operations Supervisor Kevin Young updated the committee on the operational status of both the wastewater treatment plant and microfiltration/reverse osmosis (MF/RO) treatment facility. Mr. Pinkevich reported his desire to continue improving operations at the plant to produce cleaner MF/RO feed water. Mr. Young informed the committee that the first set of used membranes from Carter Lake was installed at the beginning of February; the membranes appear to be operating well, maximizing production with no water being sent to the outfall.

**C. Distribution System O & M**

The Committee received a written Distribution System Operations Report from PBCSD Engineer Becker. Recycled water demand throughout November & December 2014 tracked below normal resulting in an increasing trend in reservoir storage. The much needed precipitation in December was the main contributing factor to the below normal water usage. Even though January water usage tracked above normal, reservoir storage continued to see increasing trends resulting in a current storage value of approximately 98 million gallons.

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

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**8. Receive Miscellaneous Information or Announcements from Members, Staff or Visitors**

PBCSD General Manager Niccum provided a recent Herald article by Jason Hoppin entitled *The Water Hazard: How Monterey County Golf Courses Navigated Decades of Water Shortages.*

**9. Closed Session**

The Committee did not meet in a closed session.

**10. Adjournment & Next Meeting Date**

*There being no further business at 10:52 a.m., it was moved and seconded, and determined by consensus of the members, that the Reclamation Management Committee adjourn to its next regular meeting on Friday, May 8, 2015, at 9:30 a.m. in the PBCSD Boardroom at 3101 Forest Lake Road, Pebble Beach.*

Respectfully submitted:

Laura Dadiw, Clerk

Pebble Beach Community Services District/Dadiw Associates