

**Carmel Area Wastewater District/Pebble Beach Community Services District
Pebble Beach Company/Independent Reclaimed Water Users Group**

**WASTEWATER RECLAMATION PROJECT
MANAGEMENT COMMITTEE**

MINUTES

**Meeting of February 19, 2016
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 9:30 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, Board of Directors, Pebble Beach Community Services District (PBCSD); and David Heuck, Executive Vice President and Chief Financial Officer, Pebble Beach Company (PBCo).

Absent:

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
Brent Reitz, PBC/IRWUG Project Representative, PBCo
David Stoldt, General Manager, Monterey Peninsula Water Management District (MPWMD)
Suresh Prasad, Chief Financial Officer, 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 Verbanec, seconded by Member McKee, and unanimously carried, to approve the minutes of the Committee meeting of November 13, 2015.

4. Status of Microfiltration/Reverse Osmosis Study and ClearLogx Pilot Project

Kevin Young, CAWD Operations Supervisor gave an update on the condition of the microfiltration membranes and the ClearLogx pilot project. The used Carter Lake membranes currently in operation are showing signs of failure due to swelling of the potting material after about 12 months of use, similar to the first two sets of membranes. The potting material of the previous set of membranes (the third set) was made with a different chemical design and did not swell, but the

membranes failed in 15 to 18 months due to a permeability issue on the surface of the membranes, which the ClearLogx system is designed to address. The microfilters are contained in three cells and staff recommends that one of the cells be replaced with new membranes similar to the third set referenced above, which will allow the effectiveness of the ClearLogx system to be evaluated within the next 12-18 months.

It was moved by Member Verbanec, seconded by Member Townsend, and unanimously carried, to 1) Purchase the 160 S10N Micro Filtration modules to replace the failing Carter Lake membranes that are currently in service for the sum of \$169,760 and, 2) Continue the lease/rent of the Clear Logix pilot system for a period no less than 18 months in order to further evaluate the effectiveness of increased membrane life on the new S10N membranes.

5. Receive and consider reports relating to Operations and Maintenance of Project

A. Financial Statements (December 2015)

CAWD Principal Account, Jim 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

Kevin Young, CAWD Operations Supervisor updated the committee on the operational status of the treatment plant including significant preventative maintenance activities being conducted while the system is turned off due to a full Forest Lake Reservoir. He reported the H2O Innovations report to study the feasibility of increasing the RO recovery rate should be ready early March.

C. Distribution System O & M

The Committee received a written Distribution System Operations Report from PBCSD Engineer Becker. The recycled water demand throughout November, December and January tracked well below the normal monthly averages allowing Forest Lake Reservoir to be filled to capacity the first week of February. Member Siegfried suggested including the amount of potable water used on the usage table provided in Mr. Becker’s report.

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

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

David Stoldt, MPWMD General Manager reported on the lightly felt El Nino weather conditions. So far this water year Peninsula water users have conserved significantly more water than required by state mandate. Mr. Stoldt explained current issues in potable water rates.

7. Closed Session

The Committee did not meet in a closed session.

8. Adjournment & Next Meeting Date

There being no further business at 10:29 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 13, 2016, 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