

**STATE OF CALIFORNIA  
REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL COAST REGION**

**STAFF REPORT FOR REGULAR MEETING OF MAY 22-23, 2014**  
Prepared on April 2, 2014

**ITEM NUMBER:** 7

**SUBJECT:** Revision of Waste Discharge Requirements, Reissuance of National Pollutant Discharge Elimination System Permit No. CA0047996 for Carmel Area Wastewater District Treatment Plant, Monterey County, Order No. R3-2014-0012

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**KEY INFORMATION**

Location: 26900 State Route One, Carmel, Monterey County  
Place ID/Type: 213281/ municipal wastewater treatment plant  
Type of Discharge: Treated domestic wastewater  
Permitted Flow: 3.0 million gallons per day (mgd; average dry weather flow)  
Average Daily Flow: 3.0 mgd  
Water Reclamation: Through Pebble Beach Community Services District  
Type of Treatment: Primary settling basins, secondary aeration basins, and secondary clarifiers. Secondary treated wastewater is chlorinated and dechlorinated and is primarily diverted to tertiary treatment and recycling.  
Disposal Method: Recycled water beneficial use and occasional ocean discharge. On average, since the new tertiary treatment system became operational, the District has discharged to the Pacific Ocean less than seven days per year.  
Solid Wastes: Digested sludge is dewatered by belt filter press and hauled offsite for disposal at the Monterey Regional Waste Management District Landfill.  
Existing Orders: Waste Discharge Requirements Order No. R3-2008-0007  
**This Action:** **Adopt Order No. R3-2014-0012**

**DISCUSSION**

The Carmel Area Wastewater District (hereinafter Discharger) is currently discharging pursuant to Order No. R3-2008-0007, National Pollutant Discharge Elimination System (NPDES) Permit No. CA0047996. The Discharger submitted a Report of Waste Discharge, dated October 25, 2012, and applied for an NPDES permit renewal to discharge up to 3.0 MGD of treated wastewater from the Discharger's Wastewater Treatment Plant (hereinafter Facility). Water Board received supplemental information on February 4, 2013, to support the Discharger's application for renewal.

The Discharger owns and operates a wastewater collection, treatment, and disposal system which provides sewerage service for a population of approximately 15,500 in an area that includes the City of Carmel and the Del Monte Forest, as provided for by contract agreement with the Pebble Beach Community Services District. The collection system encompasses 5.5 square miles and

approximately 83 miles of sanitary sewer lines which currently receive wastes discharged from residences and commercial establishments. The collection systems of Carmel and Pebble Beach are regulated by the State Water Board Order No. 2006-003-DWQ, the Statewide General WDRs for Sanitary Sewer Systems. The Facility's design, average dry weather treatment capacity is 3 MGD, with a design peak wet weather treatment capacity of 4 MGD. Current average dry weather flow is approximately 1.8 MGD. The tertiary treatment system provides reclaimed wastewater for irrigation of seven local golf courses, one equestrian center, one private school and some smaller landscaped areas. Tertiary treatment was upgraded to microfiltration and reverse osmosis (MF/RO) in the fall of 2008.

### **COMPLIANCE HISTORY**

Please refer to page F-11 in the Fact Sheet for a summary of the Discharger's compliance history.

### **CHANGES FROM THE EXISTING ORDER**

The proposed Order is structured in accordance with the statewide NPDES permit template. The proposed Order is consistent with the previous Order with the exception of the following changes and modifications, which are also discussed in detail in the proposed permit fact sheet:

#### Substantive changes

- Updated the Central Coast Standard Provisions in Attachment D-1 to be consistent with the January 2013 revision.
- Removed the Pebble Beach Community Services District from the Order as its collection system and recycled water discharges are regulated separately.

#### Minor changes

- Updated Ocean Plan references and language to the newly adopted 2012 Ocean Plan.
- Updated Monitoring Location names for receiving water locations to include the prefix "SRF" in Table E-1 (page E-3).
- Updated Table E-8 to reflect recent updates to the Central Coast Long-Term Environmental Assessment Network (CCLEAN) monitoring requirements. These requirements are consistent with the two other CCLEAN participants, Monterey Regional Water Pollution Control Agency and City of Watsonville.
- Modified and adjusted some standard language throughout the permit to be consistent with the State's NPDES template for discharges related to the California Ocean Plan and Central Coast Water Board standard language. For example, Section 5.a Biosolids Management section has been updated (page 16).
- Eliminated the submittal of paper copies of self-monitoring reports (page E-17). Discharger has already been submitting electronic monitoring reports through the CIWQS database.
- Modified the layout of Table E-9 Monitoring Periods and Reporting Schedule to be more clear with regards to required reports and due dates. These changes will also facilitate Water Board staff's input of permit requirements into the CIWQS database.

- Updated the Sanitary Sewer System General Waste Discharge Requirements to include the newly amended Monitoring and Reporting Program (MRP 2013-0058-EXEC) adopted August 6, 2013.

## **PUBLIC COMMENTS**

Public notice was provided and posted for the consideration of this proposed permit. Central Coast Water Board staff received two written comments from Monterey Bay National Marine Sanctuary and Central Coast Water Board staff incorporated its suggested edits into the permit.

## **RECOMMENDATION**

Adopt Order No. R3-2014-0012, as proposed.

## **ATTACHMENTS**

For copies, please refer to the Central Coast Water Board's internet website at:  
<http://www.waterboards.ca.gov/centralcoast/>

1. Proposed Order No. R3-2014-0012, including the following attachments:
  - Attachment A – Definitions
  - Attachment B – Map
  - Attachment C – Flow Schematic
  - Attachment D – Standard Provisions
  - Attachment E – Monitoring and Reporting Program (MRP)
  - Attachment F – Fact Sheet