

EXECUTIVE OFFICER SUMMARY REPORT  
February 8, 2012

- ITEM: 9
- SUBJECT: NPDES Permit: Stone Brewery, Brine Discharge to San Elijo Ocean Outfall (Tentative Order No. R9-2012-0006) (*Michelle Mata*)
- PURPOSE: To adopt an Order issuing an NPDES Permit (Tentative Order) for the discharge of up to 0.07 million gallons per day (MGD) of brine wastewater from the Stone Brewing Co. facility in Escondido to the Pacific Ocean, using the City of Escondido Industrial Brine Collection System.
- RECOMMENDATION: Adoption of Tentative Order No. R9-2012-0006 is recommended.
- KEY ISSUES: Each entity that discharges brine wastewater into the City of Escondido Industrial Brine Collection System (IBCS) is considered to be a "Discharger" and is subject to NPDES permit requirements.
- DISCUSSION: Stone Brewing Co. is a brewery production facility, restaurant, and retail merchandise shop located in Escondido, California. The facility proposes to discharge brine wastewater generated by an on-site reverse osmosis (RO) system to the City of Escondido's Industrial Brine Collection System (IBCS). The RO system desalinates 70,000 gallons per day of treated brewery wastewater for reuse within the facility. The brine generated by the RO system is currently being discharged to the City's sanitary sewer system.
- The City of Escondido constructed the IBCS in order to minimize the discharge of salts to the sanitary sewer system. Brine wastewaters contain concentrated amounts of dissolved minerals resulting in elevated levels of total dissolved solids (TDS), which is not removed by conventional municipal wastewater treatment processes. The resulting elevated concentrations of TDS can interfere with secondary biological wastewater treatment processes and adversely affect the usability of recycled water.
- Brine wastewater from the IBCS is discharged into an

equalization basin that feeds directly into the City of Escondido Land Outfall and is then directed to the San Elijo Ocean Outfall. The San Elijo Ocean Outfall extends into the Pacific Ocean approximately 6,800 feet at a depth of approximately 110 feet.

The Tentative Order was prepared in accordance with Section 301(b) of the Clean Water Act and implements US Environmental Protection Agency permit regulations at section 122.44, title 40 of the Code of Federal Regulations and includes technology-based effluent limitations (TBELs). TBELs applicable to the discharge include oil and grease, suspended solids, settleable solids, turbidity, and pH.

The San Diego Water Board received comments from the City of Escondido on January 17, 2012. A written Response to Comments documents and Errata Sheet (if needed) will be prepared and included in the Supplemental Agenda Packet.

LEGAL ISSUES: None

PUBLIC NOTICE: A public notice of the Tentative Order was posted on the San Diego Water Board website on December 19, 2011. Copies of the Tentative Order were electronically mailed on December 19, 2011 to Stone Brewing Co. and to all known interested parties and agencies. Copies were also made available for public review at the San Diego Water Board office and posted on the Board's web site on December 19, 2011.

SUPPORTING DOCS: 

1. Site Map
2. Transmittal Letter for Tentative Order No. R9-2012-0006
3. Tentative Order No. R9-2012-0006
4. Comment Letter from the City of Escondido (January 17, 2012)