CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

Matthew Rodriquez
Secretary for
Environmental Protection

9174 Sky Park Court, Suite 100, San Diego, CA 92123-4340
Phone (858) 467-2952 • Fax (858) 571-6972
http://www.waterboards.ca.gov/sandiego/

Edmund G. Brown, Jr.
Governor

TENTATIVE ORDER NO. R9-2012-0042
NPDES NO. CA0107433

AN ORDER MODIFYING ORDER NO. R9-2011-0016 NPDES NO. CA0107433 WASTE DISCHARGE REQUIREMENTS FOR THE CITY OF OCEANSIDE SAN LUIS REY WATER RECLAMATION FACILITY, LA SALINA WASTEWATER TREATMENT PLANT, AND MISSION BASIN DESALTING FACILITY DISCHARGES TO THE PACIFIC OCEAN VIA THE OCEANSIDE OCEAN OUTFALL

The California Regional Water Quality Control Board, San Diego Region (hereinafter San Diego Water Board), finds that:

1. Order No. R9-2011-0016, National Pollutant Discharge Elimination System (NPDES) No. CA0107433, prescribes waste discharge requirements for the City of Oceanside (City) to discharge up to 22.6 million gallons per day (MGD) of secondary treated effluent and waste brine into the Pacific Ocean through the Oceanside Ocean Outfall (OOO).

2. On January 12, 2011, the San Diego Water Board adopted Time Schedule Order No. R9-2011-0017 (TSO), requiring the discharge from the City's Mission Basin Desalting Facility (MBDF) to comply with final effluent limitation for turbidity prescribed in Order No. R9-2011-0016, NPDES No. CA0107433 by December 31, 2015. Task number three of the TSO required the City to prepare and submit a report evaluating compliance with the turbidity effluent limitation and submit any requested revision to monitoring and reporting requirements as set forth in Order No. R9-2011-0016.

3. On January 11, 2012, the City submitted a report as required by task number three of the TSO, which supported the City's request for a modification of the method for sampling turbidity in the MBDF discharge. The report suggests that the use of a turbidimeter instead of the current 24-hour composite sample will provide better characterization and representation of the brine waste from MBDF. The City requested the monitoring and reporting requirements of Order No. R9-2011-0016 be amended to specify the use of a continuous turbidimeter as the sample type for the brine waste from MBDF.

4. The modification to the monitoring and reporting requirements would result in an increase in the monitoring frequency for turbidity. Thus, the amendment is a minor modification of the permit (section 122.63(b), title 40 of the Code of Federal Regulations).

5. The San Diego Water Board has notified the City of Oceanside and all known interested persons of the intent to modify Order No. R9-2011-0016, NPDES No. CA0107433.

6. The San Diego Water Board in a public meeting has heard and considered all comments pertaining to the proposed modifications to the NPDES Order.

IT IS HEREBY ORDERED, that:

Except as modified or superseded by the permit modifications set forth below, all of the findings, prohibitions, provisions, and other requirements of Order No. R9-2011-0016, NPDES No. CA0107433 remain in full force and effect. The following modifications of Order No. R9-2011-0016, NPDES No. CA0107433 are shown in **bold and underline/**~~strikeout~~ format to indicate added and removed language, respectively, and are hereby incorporated and immediately effective:

1. Section VII.E, Compliance with the Instantaneous Maximum Effluent Limitation, shall be modified as follows:

   The instantaneous maximum effluent concentration limitation shall apply to grab sample determinations **or continuous turbidimeter**. If the analytical result of a single grab sample is higher than the instantaneous maximum effluent limitation for a parameter, a violation will be flagged and the Discharger will be considered out of compliance for that parameter for that single sample. Non-compliance for each sample will be considered separately (e.g., the results of two grab samples taken within a calendar day that both exceed the instantaneous maximum effluent limitation would result in two instances of noncompliance with the instantaneous maximum effluent limitation). **For a continuous turbidimeter, if the levels of recorded turbidity taken at intervals of no more than 1-hour is higher than the instantaneous maximum effluent limitation for turbidity, a violation will be flagged and the Discharger will be considered out of compliance for turbidity for that single sample. Each recorded turbidity taken will be considered separately (e.g., the results of two levels of recorded turbidity taken within a calendar day that both exceed the instantaneous maximum effluent limitation would result in two instances of noncompliance with the instantaneous maximum effluent limitation).**

2. Attachment E, Table E-4, Effluent Monitoring at M-003 (MBDF), shall be modified as follows:

Table E-4. Effluent Monitoring at M-003 (MBDF)

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Flow	MGD	Recorder/Totalizer	Continuous	--
TSS	mg/L	24-hr Composite	1/Day[2]	[1]
Oil and Grease	mg/L	Grab	1/Month[4]	[1,3]
Settleable Solids	mL/L	Grab	1/Day[2]	[1]

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Turbidity	NTU	**Continuous turbidimeter**~~24 hr composite~~	**Continuous**[5] ~~1/Week~~[4]	[1]
pH	pH Units	Grab	1/Day	[1]

[1] As required under 40 CFR Part 136.

[2] Applies 5 days per week, except 7 days per week for at least 1 week in July or August of each year.

[3] The Discharger shall calculate and report the mass emission rate (MER) of the constituent for each sample taken. The MER shall be calculated in accordance with section VII.I.2.d of this Order.

[4] The minimum frequency of monitoring for this constituent is automatically increased to twice the minimum frequency specified, if any analysis for this constituent yields a result higher than the applicable effluent limitation or performance goal specified in this Order. The increased minimum frequency of monitoring shall remain in effect until the results of a minimum of four consecutive analyses for this constituent are below all applicable effluent limitations or performance goals specified in this Order.

[5] **Daily grab samples of MBDF effluent at Monitoring Station M-003 may be utilized in the event of malfunction of the continuous turbidimeter.**

I, David W. Gibson, Executive Officer, do hereby certify that this Order with all attachments is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Diego Region, on **May 9, 2012**.

TENTATIVE
David W. Gibson
Executive Officer