

California Regional Water Quality Control Board, San Diego Region

ORDER NO. R9-2012-0060, NPDES NO. CA0107433

**AN ORDER MODIFYING ORDER NO. R9-2011-0016 TO INCORPORATE
REVISED LOCAL LIMITS INTO NPDES PERMIT NO. CA0107433
AS PART OF THE CITY OF OCEANSIDE'S PRETREATMENT PROGRAM FOR
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 (Discharger) to discharge secondary treated effluent from the San Luis Rey Water Reclamation Facility (SLR) and La Salina Wastewater Treatment Plant (LS) into the Pacific Ocean through the Oceanside Ocean Outfall.
2. Order No. R9-2011-0016 requires the Discharger to implement and enforce a Pretreatment Program pursuant to section 307(b) of the federal Clean Water Act and section 403, title 40 of the Code of Federal Regulations (40 CFR 403). The Pretreatment Program includes the development and enforcement of local limits for industrial users, which are designed to protect the collection system, treatment facility, worker health and safety, and the environment. As stipulated by 40 CFR 403, the Discharger may initiate changes to its local limits, provided the changes are incorporated into the Discharger's NPDES permit by the San Diego Water Board (40 CFR 403.18(e)).
3. The Discharger's local limits were last updated in 1982. The 1982 local limits were based on the best practicable control technology available for metal finishing industrial users and best professional judgment, and not on the site specific factors at SLR and LS.
4. On June 22, 2011, August 9, 2011, and August 13, 2012, the Discharger submitted to the San Diego Water Board a series of proposed changes to its local limits based on the site specific factors at SLR and LS. The changes were subsequently approved by the Oceanside City Council on August 15, 2012. The specific changes to the local limits are as follows:

- a. The numeric local limits for grease and oil and total toxic organics were removed because the numeric local limits are duplicative of narrative limits prescribed in the Oceanside City's Sewer Use Ordinance.
- b. The local limit for phenolic compounds was removed because no known source of industrial phenolic compounds has been identified, the effluent from SLR and LS has been consistently in compliance with the performance goals for phenolic compounds contained in Order No. R9-2011-0016, and there have been no reported treatment plant problems caused by phenolic compounds.
- c. The local limit for total metals, expressed as the aggregate of chromium, copper, nickel, and zinc, was removed because these metals are specifically addressed by individual local limits.
- d. The local limits for molybdenum and selenium were added. These additions were made to meet U.S. Environmental Protection Agency (USEPA) guidelines established in 2004 in conformance with federal biosolids regulations for the land application of sludge.
- e. The local limit for total dissolved solids (TDS) was added to reduce the potential for the industrial discharges to adversely affect the production and use of recycled water.
- f. The local limit for ammonia was added to support the Discharger's efforts to meet the toxicity performance goals contained in Order No. R9-2011-0016.
- g. The local limit for biochemical oxygen demand (BOD) was added to address the increase in the number of industrial users that contribute significant BOD loading to the SLR and LS treatment facilities.

- h. The local limits for the constituents listed in Table 1 below were revised. The proposed limits are based on the appropriate application of the 2004 USEPA Local Limits Development Guidance to site specific factors at the SLR and LS. This document was not available at the time the current limits were developed in 1982.

Table 1 Local Limit Changes

Constituent	Units	Current Limit	Proposed Limit
Arsenic	mg/L	0.5	0.91
Boron	mg/L	1.0	2.7
Cadmium	mg/L	0.11	0.15
Chromium	mg/L	2.77	15
Copper	mg/L	3.38	3.3
Cyanide	mg/L	1.2	3.9
Lead	mg/L	0.69	0.94
Mercury	mg/L	0.05	0.057
Nickel	mg/L	3.98	9.3
Silver	mg/L	0.43	3.4
Zinc	mg/L	2.61	4.2

- 5. Under California Water Code section 13389, this action to amend Order No. R9-2011-0016 is exempt from the provisions of the California Environmental Quality Act, Public Resources Code sections 21100-21177.
- 6. The San Diego Water Board has notified the Discharger, interested agencies, and persons of its intent to amend Order No. R9-2011-0016 and has provided them with an opportunity to submit their written comments and recommendations. In accordance with 40 CFR 122.63(g), this amendment is considered minor and is not required to follow the procedures of 40 CFR 124.
- 7. 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 Order No. R9-2011-0016 be amended as follows:

1. The local limits, approved by the Oceanside City Council on August 15, 2012 and specified below, are hereby incorporated by reference into Order No. R9-2011-0016.

Parameter	Units	SLR Local Limits	LS Local Limits
Arsenic	mg/L	0.91	0.91
Boron	mg/L	2.7	n/a
Cadmium	mg/L	0.15	0.15
Chromium	mg/L	15	15
Copper	mg/L	3.3	3.3
Cyanide	mg/L	3.9	3.9
Lead	mg/L	0.94	0.94
Mercury	mg/L	0.057	0.057
Molybdenum	mg/L	0.56	0.56
Nickel	mg/L	9.3	9.3
Selenium	mg/L	0.34	0.34
Silver	mg/L	3.4	3.4
Sulfide	mg/L	1.0	1.0
Zinc	mg/L	4.2	4.2
BOD	ppd	6,806	3,852
Ammonia	ppd	1,980	537
TDS	ppd	18,664	n/a

Milligram per liter (mg/L) and pound per day (ppd)


Not applicable (n/a)

Local Limits for boron and TDS protect recycled water use. LS does not produce recycled water.

2. Section VI.C.5.c.ii, Pretreatment Program, of Order No. R9-2011-0016 is revised by replacing the first sentence with the following:

The Discharger shall implement and enforce its approved Pretreatment Program, and all subsequent revisions, including the revisions to the Discharger's local limits adopted by the Oceanside City Council on August 15, 2012, which are hereby made enforceable conditions of this Order.

I, David W. Gibson, Executive Officer, do hereby certify that this Order is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Diego Region, on **November 13, 2012**.



David W. Gibson
Executive Officer