

**State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

**ORDER NO. R4-2005-0031
AND
ORDER NO. R4-2005-0032**

REVISION OF WASTE DISCHARGE REQUIREMENTS

FOR

**COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY – SAUGUS WATER
RECLAMATION PLANT
(NPDES NO. CA0054313, ORDER NO. R4-2003-0143)**

AND

**COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY – VALENCIA WATER
RECLAMATION PLANT
(NPDES NO. CA0054216, ORDER NO. R4-2003-0145)**

The California Regional Water Quality Control Board, Los Angeles Region (hereafter Regional Board), finds:

1. The following publicly owned treatment works (POTWs) discharge municipal and industrial wastes under waste discharge requirements and National Pollutant Discharge Elimination System (NPDES) permits:

<u>Publicly Owned Treatment Plant (NPDES Permit No.)</u>	<u>Discharge Location (Receiving Waters)</u>	<u>Type of Waste (Flow)</u>	<u>Order No./ (Adoption Date)</u>
County Sanitation Districts of Los Angeles County - Saugus Water Reclamation Plant (WRP) (CA0054313)	26200 Springbrook Ave. Santa Clarita (Santa Clara River)	Treated municipal and industrial wastewater - 6.5 MGD	R4-2003-0143 (Nov. 6, 2003)
County Sanitation Districts of Los Angeles County - Valencia WRP (CA0054216)	28185 The Old Road Valencia (Santa Clara River)	Treated municipal and industrial wastewater - 12.6 MGD	R4-2003-0145 (Nov. 6, 2003)

2. The aforementioned NPDES permits, adopted on November 6, 2003, by this Regional Board, contain the following numeric interim effluent limitations for chloride, based on the Chloride TMDL for the upper Santa Clara River, Resolution Nos. R02-018 and R03-008, adopted by the Regional Board on October 24, 2002, and July 10, 2003, respectively:

- a. For the Saugus WRP:

Constituent	Units	Discharge Limitations		
		Monthly Average ^[1]	Weekly Average ^[1]	Daily Maximum ^[2]
Chloride	mg/L	200 ^[7]	--	218 ^[7]

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[7] This is the interim limit according to the *Chloride TMDL* adopted by the Regional Board on October 24, 2002. This interim limit becomes effective when the USEPA approves the *Chloride TMDL* for the Santa Clara River and continues for the duration of the TMDL interim limit provisions. This interim limit will supercede the effluent limitation specified accompanying table footnote [5] and will remain in effect until superceded by the effluent limitation specified accompanying table footnote [6]. If U.S. EPA does not approve the *Chloride TMDL*, this effluent limitation will not apply.

b. For the Valencia WRP:

Constituent	Units	Discharge Limitations		
		Monthly Average ^[1]	Weekly Average ^[1]	Daily Maximum ^[2]
Chloride	mg/L	187 ^[7]	--	196 ^[7]

[7] This is the interim limit according to the *Chloride TMDL* adopted by the Regional Board on October 24, 2002. This interim limit becomes effective when the USEPA approves the *Chloride TMDL* for the Santa Clara River and continues for the duration of the TMDL interim limit provisions. This interim limit will supercede the effluent limitation specified accompanying table footnote [5] and will remain in effect until superceded by the effluent limitation specified accompanying table footnote [6]. If U.S. EPA does not approve the *Chloride TMDL*, this effluent limitation will not apply.

3. Time Schedule Order Nos. R4–2003-0144 and R4–2003-0146, adopted concurrently with the NPDES Orders on November 6, 2003, contained the following interim limits for chloride:

a. For the Saugus WRP:

Constituent	Units	Monthly Average	12-Month Rolling Average
Chloride	mg/L	--	^[1]

[1] The chloride interim limit is equal to the sum of the State Water Project treated water supply chloride concentration plus 114 mg/L, not to exceed a daily maximum of 230 mg/L.

b. For the Valencia WRP:

Constituent	Units	Monthly Average	12-Month Rolling Average
Chloride	mg/L	--	^[2]

[2] The chloride interim limit is equal to the sum of the State Water Project treated water supply chloride concentration plus 134 mg/L, not to exceed a daily maximum of 230 mg/L.

The interim limits included in the TSOs were based on TMDL staff’s proposed revisions to the Chloride TMDL for the upper Santa Clara River.

4. The chloride TMDL for the upper Santa Clara River was revised on May 6, 2004, when the Regional Board adopted Resolution No. R04-004, *Revision of interim waste load allocations and implementation plan for chloride in the Amendment to the Water Quality Control Plan for the Los Angeles Region to include a TMDL for Chloride in the upper Santa Clara River, Resolution 03-008*. Resolution No. R04-004 now contains the following language as a TMDL implementation provision:

Saugus WRP:

The interim waste load allocations for chloride are based on the sum of State Water Project treated water supply concentration plus 114 mg/L, not to exceed 230 mg/L, or the following formula, both as a twelve month rolling average:

Interim Waste Load Allocation = Treated Potable Water Supply + 114 mg/L, not to exceed 230 mg/L.

114 mg/L, is the maximum difference in chloride concentration between the State Water Project treated water and the Saugus WRP treated effluent over the last five years.

Valencia WRP:

The interim waste load allocations for chloride are based on the sum of State Water Project treated water supply concentration plus 134 mg/L, not to exceed 230 mg/L, or the following formula, both as a twelve month rolling average:

Interim Waste Load Allocation = Treated Potable Water Supply + 134 mg/L, not to exceed 230 mg/L.

134 mg/L, is the maximum difference in chloride concentration between the State Water Project treated water and the Valencia WRP treated effluent over the last five years.

Resolution No. R04-004 has been approved by the State Board and the Office of Administrative Law (OAL). On April 28, 2005, it was approved by USEPA.

5. The purpose of this Order is to amend the NPDES permits, for the facilities listed in Finding 1, so that the chloride interim limits in the NPDES Orders are consistent with the interim limits in Resolution No. R04-004, the most up-to-date Chloride TMDL for the upper Santa Clara River. In addition to conforming the NPDES permit to the most recent regulations and standards, the modifications also reflect the most recent data on plant performance and operations.
6. This Order's revisions to Order Nos. R4-2003-0143 and R4-2003-0145 will not further degrade water quality, because the revisions contemplated by this order extend the requirements of the existing time schedule orders for the two facilities, and incorporate those requirements as interim limits into the waste discharge requirements.
7. The modifications proposed by this Order are permitted by and consistent with federal regulations governing the modification of NPDES permits (including 40 C.F.R. §§ 122.62 and 124.5(c)) and the reopener provisions of the existing orders.
8. In accordance with Water Code section 13389, the amendment of Order Nos. R4-2003-0143 and R4-2003-0145 are exempt from those provisions of the California Environmental Quality Act contained in Chapter 3 (commencing with Section 21100) Division 13 of the Public Resources Code.

IT IS HEREBY ORDERED that the following NPDES Orders, adopted by this Board on November 6, 2003, are hereby amended as follows:

1. Discharge Requirement I.1.B. a and the corresponding footnotes, on Page 27 of Order No. R4-2003-0143, for the County Sanitation Districts of Los Angeles County Saugus Water Reclamation Plant, shall read as follows:

Constituent	Units	Discharge Limitations			
		12-Month Rolling Average	Monthly Average ^[1]	Weekly Average ^[1]	Daily Maximum ^[2]
Chloride	mg/L	--	100 ^[5]	--	--
	lbs/day ^[3]	--	5,420	--	--
	mg/L	--	--	--	100 ^[6]
	mg/L	[7]	--	--	230 ^[7]

[5] This is the water quality objective for chloride in the current Basin Plan. This effluent limitation applied from the effective date of the NPDES Order until the day prior to April 28, 2005, when the Chloride TMDL for the Santa Clara River, Resolution No. R04-004, *Revision of interim waste load allocations and implementation plan for chloride in the Amendment to the Water Quality Control Plan for the Los Angeles Region to Include a TMDL for Chloride in the Santa Clara River, Resolution 03-008 (Chloride TMDL)*, was approved by USEPA. On April 28, 2005, the interim effluent limitation accompanying table footnote [7] became effective.

[6] This is the waste load allocation (WLA), according to the Chloride TMDL Resolution No. R04-004, adopted by the Regional Board on May 6, 2004. The waste load allocation will ultimately serve as the effluent limitation for the discharge. This limit became effective on April 28, 2005, when USEPA approved the Chloride TMDL.

[7] The chloride interim limit is equal to the sum of the State Water Project treated water supply chloride concentration plus 114 mg/L, not to exceed a daily maximum of 230 mg/L.

This is the interim limit according to the *Chloride TMDL* adopted by the Regional Board on May 6, 2004. This interim limit became effective on April 28, 2005, when the USEPA approved the *Chloride TMDL* for the Santa Clara River and it will continue for the duration of the TMDL interim limit provisions. This interim limit will supercede the effluent limitation specified in the accompanying table footnote [5] and will remain in effect until superceded by the effluent limitation specified in the accompanying table footnote [6].

2. Discharge Requirement I.1.B.a and the corresponding footnotes, on Page 28 of Order No. R4-2003-0145, for the County Sanitation Districts of Los Angeles County Valencia Water Reclamation Plant, shall read as follows:

Constituent	Units	Discharge Limitations			
		12-Month Rolling Average	Monthly Average ^[1]	Weekly Average ^[1]	Daily Maximum ^[2]
Chloride	mg/L	--	100 ^[5]	--	--
	lbs/day ^[3]	--	10,500	--	--

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Constituent	Units	Discharge Limitations			
		12-Month Rolling Average	Monthly Average ^[1]	Weekly Average ^[1]	Daily Maximum ^[2]
Chloride	mg/L	--	--	--	100 ^[6]
	mg/L	[7]	--	--	230 ^[7]

[5] This is the water quality objective for chloride in the current Basin Plan. This effluent limitation applied from the effective date of the NPDES Order until the day prior to April 28, 2005, when the Chloride TMDL for the Santa Clara River, Resolution No. R04-004, *Revision of interim waste load allocations and implementation plan for chloride in the Amendment to the Water Quality Control Plan for the Los Angeles Region to Include a TMDL for Chloride in the Santa Clara River, Resolution 03-008 (Chloride TMDL)*, was approved by USEPA. On April 28, 2005, the interim effluent limitation accompanying table footnote [7] became effective.

[6] This is the waste load allocation (WLA), according to the Chloride TMDL Resolution No. R04-004, adopted by the Regional Board on May 6, 2004. The waste load allocation will ultimately serve as the effluent limitation for the discharge. This limit became effective on April 28, 2005, when USEPA approved the Chloride TMDL.

[7] The chloride interim limit is equal to the sum of the State Water Project treated water supply chloride concentration plus 134 mg/L, not to exceed a daily maximum of 230 mg/L.

This is the interim limit according to the *Chloride TMDL* adopted by the Regional Board on May 6, 2004. This interim limit became effective on April 28, 2005, when the USEPA approved the *Chloride TMDL* for the Santa Clara River and it will continue for the duration of the TMDL interim limit provisions. This interim limit will supercede the effluent limitation specified in the accompanying table footnote [5] and will remain in effect until superceded by the effluent limitation specified in the accompanying table footnote [6].

3. This Order shall be attached to each of the orders it modifies and provided to the dischargers. For ease of reference, Regional Board staff are also directed to prepare a revised version of each existing order that reflects the changes made in this Order. The revised versions shall also be provided to the dischargers and shall bear the appropriate title "Order No. R4-2003-0143 (as Revised by Order No. R4-2005-0031) and Order No. R4-2003-0145 (as Revised by Order No. R4-2005-0032)."
4. The Expiration date, and all other Limitations, Requirements, and Provisions of Order Nos. R4-2003-0143 and R4-2003-0145, are unchanged and shall remain in full force and effect.

I, Jonathan S. Bishop, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on May 5, 2005.

ORIGINAL SIGNED BY

Jonathan S. Bishop
 Executive Officer