Item Number 9

Supporting Document 4

Errata Sheet to Tentative Order No. R9-2021-0015

June 9, 2021

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

ERRATA SHEET FOR TENTATIVE ORDER NO. R9-2021-0015 MASTER RECYCLING PERMIT FOR CITY OF SAN DIEGO, SOUTH BAY WATER RECLAMATION PLANT, SAN DIEGO COUNTY

San Diego Water Board staff prepared the changes below, to Tentative Order No. R9-2021-0015, *Master Recycling Permit for City of San Diego, South Bay Water Reclamation Plant, San Diego County* (Tentative Order No. R9-2021-0015), in response to comments received by the City of San Diego during the public comment period. San Diego Water Board staff highlighted the proposed changes to Tentative Order No. R9-2021-0015 in underline/~~strikeout~~ format to show added and removed language, respectively. San Diego Water Board staff will incorporate the proposed change upon adoption of Tentative Order No. R9-2021-0015.

1. Tentative Order R9-2021-0015, Table 1. Discharge Specifications will be modified as shown:

Table 1. Discharge Specifications

Constituent	Units	Daily Maximum[1]	Monthly Average[2]	Annual Average[3]
Biological Oxygen Demand (BOD_5 @ 20ºC)	mg/L	45	30	-
Total Suspended Solids (TSS)		45	30	-
pH	pH units	6.5-9.0	6.5-9.0	6.5-9.0
Total Dissolved Solids (TDS)	mg/L	1300	-	1200
Chloride (Cl)	mg/L	350	-	300
Sulfate (SO_4)	mg/L	350	-	300
Sodium (Na) Hazard[4]	%	60	-	-
Total Nitrogen (N)	mg/L	-	-	15
Iron (Fe)	mg/L	-	-	0.3
Manganese (Mn)	mg/L	-	-	0.05
Methylene Blue-Activated Substances (MBAS)	mg/L	-	-	0.75/~~0.5~~
Boron (B)	mg/L	-	-	0.5
Fluoride (F)	mg/L	-	-	1.0

2. Tentative Order R9-2021-0015, Attachment D Monitoring and Reporting No. R9-2021-0015, Table, D-1 Effluent Monitoring will be modified as shown:

Table D1. Effluent Monitoring

Parameter	Units	Sample Type	Minimum Sampling Frequency [a, b]	Reporting Frequency
Flow Rate	MGD	Continuous	Continuous	Monthly
UV Dose[c]	mJ/cm^2	Continuous	Continuous	Monthly
UVT[c]	%	Continuous	Continuous	Monthly
UV Intensity	mW/cm^2	Continuous	Continuous	Monthly
Turbidity[e]	NTU	Continuous	Continuous	Monthly
Total Coliform Bacteria[d]	MPN/ 100 mL	Grab	Daily	Monthly
pH	pH units	Grab	Daily[f]	Monthly
Biological Oxygen Demand (BOD_5 @ 20ºC)	mg/L	Composite	Weekly	Monthly
Total Suspended Solids	mg/L	Composite	Weekly	Monthly
Total Dissolved Solids (TDS)	mg/L	Composite	Monthly	Quarterly
Chloride (Cl)	mg/L	Composite	Monthly	Quarterly
Sulfate (SO_4)	mg/L	Composite	Monthly	Quarterly
Percent Sodium (% Na)	%	Composite	Monthly	Quarterly
Electrical Conductivity	mmho/cm or dS/m	Grab	Monthly	Quarterly
Adjusted SAR	-	Calculated	Monthly	Quarterly
Nitrate (NO_3)	mg/L	Composite	Monthly	Quarterly
Total Nitrogen	mg/L	Composite	Monthly	Quarterly
Iron (Fe)	mg/L	Composite	Quarterly	Quarterly
Manganese (Mn)	mg/L	Composite	Quarterly	Quarterly
Methylene Blue-Activated Substances (MBAS)	mg/L	Composite	Quarterly	Quarterly
Boron (B)	mg/L	Composite	Quarterly	Quarterly
Fluoride (F)	mg/L	Composite	Quarterly	Quarterly

Parameter	Units	Sample Type	Minimum Sampling Frequency [a, b]	Reporting Frequency

a. The Discharger shall increase the sampling frequency from weekly to daily and from quarterly to monthly for any constituent that exceeds the Discharge Specifications of the Order. The increased frequency of monitoring shall continue until the Discharger achieves compliance with the Specification for three consecutive periods, at which point the Discharger shall resume sampling at the specified frequency. Continuous, daily, and weekly sampling frequencies shall be reported in the monthly monitoring reports.

b. Weekly is defined as a calendar week (Sunday through Saturday). Monthly is defined as a calendar month. Quarterly is defined as a period of three consecutive calendar months beginning on January 1, April 1, July 1, or October 1. Annually is defined as a period of 12 consecutive calendar months beginning on January 1.

c. Refer to section III.E.4-10 of the Order for UV monitoring requirements.

d. Samples for total coliform bacteria shall be collected at least daily and at a time when wastewater characteristics are most demanding on the treatment facilities and disinfection procedures. Results of daily coliform bacteria monitoring, running 7-day median determination shall be reported monthly.

e. Effluent samples collected to determine turbidity (when required) shall be collected after the media filters. Effluent tertiary turbidity analyses shall be conducted continuously using a continuous monitoring and recording turbidity meter. Compliance with the daily average effluent turbidity specification of 2 Nephelometric Turbidity Units (NTU) shall be determined using recorded turbidity levels at a minimum of four-hour intervals over a 24-hour period. Compliance with the turbidity standard of not exceeding 5 NTU more than 5 percent of the time over a 24-hour period shall be determined using the levels of recorded turbidity taken at intervals of no more than 1.2 hours over a 24-hour period. Should the continuous turbidity meter and/or recorder fail, grab sampling at a minimum frequency of 1.2 hours may be substituted for a period of up to 24 hours. The Discharger shall report quarterly results of four-hour turbidity readings, average effluent turbidity (24-hours), 95 percentile effluent turbidity (24-hours), and daily maximum turbidity readings.

f. The minimum sampling frequency shall be five days per week and shall increase to seven days per week for at least one week during July or August of each year.