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GOVERNOR

MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

**California Regional Water Quality Control Board, San Diego Region**

January 29, 2018

**In reply refer to:**  
**257591:BBushnell**

Ms. Amber Baylor  
Director of Environmental Compliance  
South Orange County Wastewater Authority  
34156 Del Obispo Street  
Dana Point, CA 92629

**Subject: Review of Monitoring Reports for Order No. 97-52, South Orange County Wastewater Authority**

Ms. Baylor

The California Regional Water Quality Control Board San Diego Region (San Diego Water Board) has reviewed the monitoring reports listed in the Table 1. The South Orange County Wastewater Authority (SOCWA) submitted the reports in accordance with the Monitoring and Reporting Program of Order No. 97-52.

**Table 1. List of Monitoring Reports Submitted**

Report Type	Report Date
Monthly Monitoring Reports	January 2017 through November 2017
Quarterly Monitoring Reports	January-March 2017, April-June 2017 and July-September 2017
Annual Monitoring Report	2016 Annual Report

The San Diego Water Board has identified the following violations of Section A.1 (Discharge Specifications) of Order No. 97-52:

1. The 12-month average discharge specification for manganese, established at 0.05 milligrams per liter (mg/L), was exceeded on the following dates:

**Table 2. 12-Month Average Manganese Violations**

Facility	Date	Value in mg/L
3A Treatment Plant (3A)	October 10, 2016	0.06
Regional Treatment Plant (RTP)	October 11, 2016	0.06
Coastal Treatment Plant (CTP)	October 11, 2016	0.06
RTP	November 1, 2016	0.06
CTP	December 7, 2016	0.06

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Facility	Date	Value in mg/L
RTP	December 13, 2017	0.06
CTP	January 4, 2017	0.06
RTP	January 4, 2017	0.06
RTP	February 14, 2017	0.06
RTP	March 7, 2017	0.08
3A	March 16, 2017	0.06
RTP	April 11, 2017	0.08
3A	April 13, 2017	0.06
3A	May 10, 2017	0.06
RTP	May 16, 2017	0.07
RTP	June 6, 2017	0.08
3A	June 8, 2017	0.06
3A	July 1, 2017	0.06
RTP	July 4, 2017	0.07
RTP	August 8, 2017	0.08
3A	August 21, 2017	0.06
RTP	September 12, 2017	0.08
3A	September 21, 2017	0.06
RTP	October 5, 2017	0.09
3A	October 5, 2017	0.06
RTP	November 7, 2017	0.09

2. The daily maximum discharge specification for manganese, established at 0.06 mg/L, was exceeded on the following dates:

**Table 3. Daily Maximum Manganese Violations**

Facility	Date	Value in mg/L
RTP	December 13, 2016	0.08
RTP	March 7, 2017	0.11
3A	March 16, 2017	0.07
RTP	April 13, 2017	0.07
RTP	October 5, 2017	0.09

3. The 12-month average discharge specification for Total Dissolved Solids (TDS), established at 1,000 mg/L, was exceeded on the following dates:

**Table 4. 12-Month Average TDS Violations**

Facility	Date	Value in mg/L
RTP	October 11, 2016	1,034
RTP	November 1, 2016	1,023
RTP	December 13, 2016	1,023
RTP	January 4, 2017	1,026
RTP	February 14, 2017	1,101
RTP	March 7, 2017	1,047
RTP	April 11, 2017	1,083

4. The daily maximum discharge specification for TDS, established at 1,100 mg/L, was exceeded on the following dates:

**Table 5. Daily Maximum TDS Violations**

Facility	Date	Value in mg/L
Nichols Water Reclamation Plant (Nichols)	December 8, 2016	1,200
RTP	February 14, 2017	1,101

5. The seven day median discharge specification for total coliform, established at 2.2 Most Probable Number per 100 milliliters (MPN/100mL), was exceeded on the following dates:

**Table 6. Seven Day Median Total Coliform Violations**

Facility	Date	Value in Most Probable Number per 100 milliliter (MPN/100mL)
RTP	September 8, 2017	5
RTP	September 9, 2017	5
RTP	September 10, 2017	4

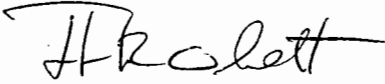
6. Total coliform results in treated effluent were not reported for May 6, 2017 from the Coastal Treatment Plant. Section B.1 of the Monitoring Program of Order No. 97-52 specifies that effluent samples shall be collected daily from all treatment facilities listed in Order No. 97-52 and analyzed for total coliform bacteria.
7. In addition, for the Oso Creek Water Reclamation Facility the total coliform results exceeded the discharge specification of 240 MPN/100mL on May 21, 2017 at a reported value of 1,600 MPN/100mL. Section A.6 of Order No. 97-52 specifies that disinfection must comply with all applicable sections of Title 22. Pursuant to section 60301.230 (b) of Title 22 of the California Code of Regulations (Title 22), the total coliform bacteria concentration of disinfected tertiary recycled water shall not exceed 240 MPN/100mL.

The next monitoring report required to be submitted is the December 2017 monthly monitoring report, which is due by January 30, 2018.

Please continue to implement follow-up actions necessary to ensure that the violation(s) noted above do not occur in the future. These violations may subject SOCWA to possible further enforcement action by the San Diego Water Board including but not limited to: administrative enforcement orders requiring the City to cease and desist from violations, or administrative assessments of civil liabilities in amounts of up to \$5,000 per day per violation; referral to the State Attorney General for injunctive relief; and referral to the District Attorney for criminal prosecution.

In the subject line of any response, please include reference **257591: BBushnell**. Please contact Mr. Brandon Bushnell at (619) 521-8044, or at [brandon.bushnell@waterboards.ca.gov](mailto:brandon.bushnell@waterboards.ca.gov) if you have any questions or comments.

Respectfully,



John R. Odermatt, P.G., Senior Engineering Geologist  
Groundwater Protection Unit

JRO: ac: bb

Tech Staff Info & Use	
Place ID	257591
Reg. Measure ID	142903
SEL Reg. Measure ID	418585
Violation IDs	1033082, 1033083, 1033084, 1033085, 1036487, 1036488, 1036490, 1036492, 1036493, 1036495, 1036496, 1036497, 1036499, 1036500, 1036501, 1036502, 1036504, 1036506, 1036508, 1036515, 1036517, 1036525, 1036529, 1036530, 1036531, 1036533, 1036535, 1036550, 1036551, 1036552, 1036553, 1036554, 1036555, 1036707, 1036708, 1036709, 1036710, 1036711, 1036712, 1036713, 1036714, 1036715, 1036719, 1036720, 1036721, 1036723, 1036727