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California Regional Water Quality Control Board San Diego Region

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January 2, 2009

Certified Mail
7008 0150 0003 7457 7875

Mr. Ralph McIntosh
General Manager
Ramona Municipal Water District
105 Earlham Street
Ramona, CA 92065-1599

In reply refer to:
CGWU:255468:chenning

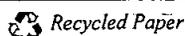
Dear Mr. McIntosh:

**SUBJECT: NOTICE OF VIOLATION NO. R9-2009-0011 AND COMMENTS ON
SELF MONITORING REPORTS FOR THE SAN VICENTE
WASTEWATER TREATMENT PLANT**

Enclosed is **Notice of Violation (NOV) No. R9-2009-0011** for the San Vicente Wastewater Treatment Plant located in Ramona, California. The California Regional Water Quality Control Board, San Diego Region (Regional Board) identified the violations cited in the enclosed NOV during review of the following Self Monitoring Reports for Order No. R9-1993-0003:

FREQUENCY	PERIOD	REPORT DATE	DATE RECEIVED
Quarterly	January – March 2007	April 30, 2007	May 1, 2007
Quarterly	April – June 2007	July 31, 2007	August 1, 2007
Quarterly	July – September 2007	October 31, 2007	November 1, 2007
Quarterly & Annual	October – December 2007	January 30, 2008	January 30, 2008
Quarterly	January – March 2008	April 25, 2008	April 28, 2008
Quarterly	April – June 2008	July 29, 2008	July 30, 2008
Quarterly	July – September 2008	October 29, 2008	October 30, 2008

California Environmental Protection Agency



Regional Board Comments

In addition, the Regional Board has the following comments on the reports:

1. The 12-month average effluent limitation for total dissolved solids (TDS) was calculated incorrectly on February 6, 2007; May 8, 2007; and August 7, 2007 as 689, 694, and 716 milligrams per liter (mg/L), respectively. The actual values for these days are 718, 723, and 747 mg/L, respectively. In future reports please tabulate the values correctly using all available data.
2. The Regional Board understands that the Ramona Municipal Water Districts analyzes water samples for bacteria on-site. As stated in Monitoring and Reporting Program No. R9-1993-0003 Monitoring Provision A.3, "[a]ll analyses shall be performed in a laboratory certified to perform such analyses by the California Department of Health Services [now California Department of Public Health] or a laboratory approved by the Executive Officer." Please submit documentation that demonstrates compliance with Monitoring Provision A.3. In addition, please submit the Quality Assurance Project Plan (QAPP) for the analyses performed onsite.
3. Discharge Specification B.5 states, "[e]ffluent used for irrigation purposes shall be treated to a level in conformance with all applicable provisions of California Code of Regulations, Title 22, Division 4, Chapter 3 (Reclamation Criteria)." The 'Reclamation Criteria' provides that one sample with greater than 23 most probable number/100mL (mpn/100mL) coliform organisms is allowed in any given 30-day period. Any additional samples exceeding 23 mpn/100mL coliform organisms during the 30-day period constitute a violation of the Order. Additionally, the 'Reclamation Criteria' provides that the median number of coliform organisms shall not exceed 2.2 mpn/100mL, as determined from the bacteriological results from the past 7 days. An exceedance of this requirement constitutes a violation of the Order and must be reported at the time the monitoring reports are submitted.
4. On September 2, 2008, Biochemical Oxygen Demand (BOD) was reported as greater than 18.60 mg/L. Without an exact number, there is no way to determine if the effluent is in compliance with the discharge specification for BOD in the Order. Please describe why an exact number was not reported.

The next monitoring reports required to be submitted are the 2008 fourth quarter and 2008 annual reports. These reports are due by January 30, 2009.

Mr. Ralph McIntosh
San Vicente Wastewater Treatment Plant
NOV No. R9-2009-0011

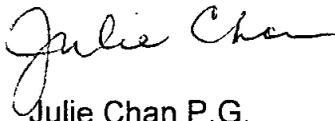
- 3 -

January 2, 2009

The heading portion of this letter includes a Regional Board code number noted after "In reply refer to." In order to assist us in the processing of your correspondence please include this code number in the heading or subject line portion of all correspondence and reports to the Regional Board pertaining to this matter.

If you have any questions regarding the above, please contact Ms. Cathryn Henning at (858) 636-3161 or at chenning@waterboards.ca.gov.

Sincerely,



Julie Chan P.G.
Supervising Engineering Geologist
Groundwater Basins Branch

JAC:cl:clh:jb

Attachments: Notice of Violation No. R9-2009-0011
CIWQS:

Regulatory Measure ID	142436	
Place ID	255468	
Enforcement ID	358864	
Violation ID	799935	799936
	799938	799939
	799940	799942
	799943	799944
	799945	799946
	799947	799950
	799951	799953
	799970	799972
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	799991	799992
799994	799995	
	800008	

FREQUENCY	PERIOD	REPORT DATE	DATE RECEIVED
Quarterly	April – June 2008	July 29, 2008	July 30, 2008
Quarterly	July – September 2008	October 29, 2008	October 30, 2008

Thirty-three violations of the discharge specifications prescribed in the Order were identified, of which, fourteen violations were due to excessive concentrations of total dissolved solids (TDS) in the effluent. In a meeting between the Regional Board and the Ramona Municipal Water District (hereinafter the District) on December 17, 2008, the District reported that a reverse osmosis system will be installed at the San Vicente Wastewater Treatment Plant in order to demineralize the effluent and comply with the discharge specifications of the Order.

SUMMARY OF VIOLATIONS:

1. VIOLATIONS OF ORDER NO. 93-03 DISCHARGE SPECIFICATION B.1

- a. The daily maximum for TDS in the effluent (650 milligrams per liter [mg/L]) was exceeded on February 6, 2007; May 8, 2007; August 7, 2007; October 2, 2007; February 12, 2008; May 13, 2008; and August 12, 2008 by the following amounts: 102, 176, 175, 125, 145, 216, and 328 mg/L, respectively.
- b. The 12-month average for TDS in the effluent (600 mg/L) was exceeded on February 6, 2007; May 8, 2007; August 7, 2007; October 2, 2007; February 12, 2008; May 13, 2008; and August 12, 2008 by the following amounts: 118, 123, 147, 195, 205, 215, and 254 mg/L, respectively.

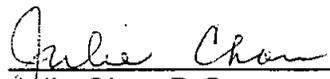
2. VIOLATIONS OF ORDER NO. 93-03 DISCHARGE SPECIFICATION B.5

- a. The daily coliform count discharge specification for secondary effluent (23 most probable number per 100 mL [mpn/100mL]) was exceeded on April 14, 2007; May 7, 2007; July 27, 2007; July 28, 2007; August 3, 2007; August 17, 2007; August 18, 2007; August 27, 2007; September 7, 2007; March 6, 2008; March 31, 2008; April 1, 2008; by the following amounts: 1577, 217, >1577, 147, 7, 57, 27, 7, >1577, 107, 327, and 10 mpn/100mL, respectively.
- b. The median number of coliform organisms discharge specification for secondary effluent (2.2 mpn/100 mL, as determined from the last 7 days for which analyses were completed) was exceeded on July 28, 2007; July 29, 2007; July 30, 2008; May 7, 2008; May 8, 2008; and May 11, 2008 by the following amounts: 10.8, 10.8, 10.8, 1.8, 1.8, and 1.8 mpn/100mL, respectively.

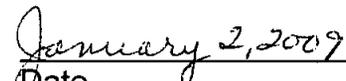
- c. The daily coliform count for secondary effluent was not recorded on December 27, 2007.

Questions pertaining to the issuance of this Notice of Violation are to be directed to Ms. Cathryn Henning via phone at (858) 636-3161 or via e-mail at chenning@waterboards.ca.gov. Written correspondence pertaining to this Notice of Violation are to be directed to the following address:

Ms. Julie Chan
Supervising Engineering Geologist
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, California 92123-4340
Attn: Cathryn Henning



Julie Chan P.G.
Supervising Engineering Geologist
Groundwater Basins Branch



Date

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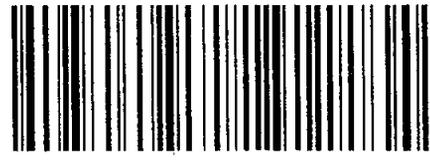
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 PS Form 3800, August 2006 See Reverse for Instructions

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1. Article Addressed to:
Ralph McIntosh
Ranona Municipal Water District
105 Earham St.
Ramona, CA 92065-1599

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15/NOV09