

Central Valley Regional Water Quality Control Board

3 August 2012

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Brentwood, CA 94513

NOTICE OF VIOLATION, HOLLAND RIVERSIDE MARINA, CONTRA COSTA COUNTY

Central Valley Water Board staff recently reviewed monthly monitoring reports for the period of January 2010 through May 2012 for the Holland Riverside Marina. Based on our review, the monthly monitoring reports did not comply with the Waste Discharge Requirements (WDRs) and Monitoring and Reporting Program (MRP) No. 5-01-093 (enclosed).

Violations of the WDRs and MRP are as follows:

Effluent Violations

- According to the WDRs, the 30-day average effluent concentration limit for ammonia is 0.5 mg/L and the daily maximum limit is 5 mg/L. Ammonia was reported above the daily maximum limit on seven occasions as shown in the table below:

Date of Violation	Concentration (mg/L)
12 January 2010	5.5
5 April 2010	13
27 May 2010	16
14 June 2010	24
23 July 2010	35
18 August 2010	31
27 October 2011	33

Reporting Violations

- The Monthly Monitoring Reports did not include the following:
 - Daily influent flow sampling results.
 - A comparison of monitoring data to the discharge specifications and an explanation of any violation of those requirements.
 - A calibration log verifying weekly calibration of field monitoring instruments (e.g., DO, pH, or EC meters) used to collect reported data.
- According to the MRP, groundwater monitoring reports shall be prepared under the direct supervision of a registered professional engineer or geologist and signed by the registered professional. None of the quarterly monitoring reports were prepared under the supervision of a

registered professional engineer or geologist and none were signed by the registered professional.

- Quarterly Monitoring Reports were incomplete since they only included: (a) the depth to groundwater, and (b) pH, total dissolved solids, nitrate, ammonia, and coliform results in groundwater. The MRP requires that the quarterly monitoring reports include the following:
 1. Results of groundwater monitoring. The results of regular monthly monitoring reports for March, June, September and December may be incorporated into their corresponding quarterly monitoring report.
 2. A narrative description of all preparatory, monitoring, sampling, and analytical testing activities. The narrative shall be sufficiently detailed to verify compliance with the WDRs, this MRP, and the Standard Provisions and Reporting Requirements. Field logs shall be submitted for each well, documenting depth to groundwater; parameters measured before, during, and after purging; method of purging; calculation of casing volume; and total volume of water purged.
 3. Calculation of groundwater elevations, an assessment of groundwater flow direction and gradient on the date of measurement, comparison of previous flow direction and gradient data, and discussion of seasonal trends if any.
 4. A narrative discussion of the analytical results for all media and locations monitored including spatial and temporal trends, with reference to summary data tables, graphs, and appended analytical reports (as applicable).
 5. A comparison of monitoring data to the discharge specifications and groundwater limitations, and explanation of any violation of those requirements.
 6. Summary data tables of historical and current water table elevations and analytical results.
 7. A scaled map showing relevant structures and features of the facility, the locations of monitoring wells and any other sampling stations, and groundwater elevation contours referenced to mean sea level datum.
 8. Copies of laboratory analytical report(s) for all samples.
- The 2010 and 2011 Annual Monitoring Reports, which are to be submitted as the fourth Quarter Monitoring Reports were incomplete since the reports did not include graphical summaries of all data collected during the year. In addition, the reports are to be prepared under the supervision of a registered professional engineer or geologist and signed by the registered professional.

By **15 September 2012** please submit a technical report describing: a) how the violations cited above have been, or will be, corrected; and b) how recurrence will be prevented. Please be advised that future monitoring reports must include all information as required by the MRP. In addition, by **15 September 2012**, please provide the name of the registered professional that will prepare and sign the Quarterly Monitoring Reports.

Be advised that the WDRs require that all monitoring reports be submitted pursuant to Water Code Section 13267 and that failure to submit complete reports as required by the MRP may subject you to further enforcement, including civil liability (monetary penalties).

If you have any questions about this notice of violation or the monitoring and reporting requirements please contact Guy Childs at (916) 464-4648.

Original signed by

WENDY WYELS, Supervisor
Compliance and Enforcement Section

Enclosure: Waste Discharge Requirements Order No. 5-01-093

cc: Randall Sawyer, Contra Costa Environmental Health Department, Concord

CWIQS Violation ID Nos: 931878, 931879, 931880, 931881, 931882, 931883, 931884, 931885, 931886, 931887, 931890,
931891, 931892, 931897, 931898, 931899, 931900, 931901, 931903, 931904, 931905, 931906,
931907, 931908, 931909, 931910, 931911, 931912, 931913, 931914, 931915, 931916, 931917,
931918, 931919, 931920, 931921

gjc: 3 Aug-12

California Environmental Protection Agency

