

Lahontan Regional Water Quality Control Board

April 29, 2015

WDID No. 6B190602006

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AMENDED MONITORING AND REPORTING PROGRAM 97-10-DWQ-08-A1 **RND ENTERPRISES, LANCASTER, LOS ANGELES COUNTY**

This letter amends the Monitoring and Reporting Program for the RND Enterprises that was granted coverage under the General Permit, State Water Board WQO 97-10-DWQ-08 in a Notice of Applicability (NOA), dated April 11, 2007 (WDID No. 6B1900602006) to discharge treated domestic wastewater through subsurface disposal after treatment in an onsite advanced treatment unit.

1. Requirement, Section I.A.1. is modified to indicate the following shall be reported:

The total volume of wastewater flow to the Facility for each week in gallons shall be reported.

Rationale for change – Because only a few hundred gallons per day of effluent is treated, it is unnecessary to report daily flow in million gallons per day (mgd), which is more appropriate for a larger facility.

2. Requirement, Section I.A.3. is deleted:

Rationale for change – It is unnecessary to report a maximum instantaneous flow rate of wastewater to the treatment facility for such low flow and the ambiguous nature of the parameter.

3. Requirement I.C is modified as follows:

Effluent sampling is deleted for: fecal coliform, total coliform, total phosphorus, total chromium, and hexavalent chromium.

Rational for change – Sampling for these constituents was required only annually. Because the effluent is not disinfected, coliform is present and unnecessary to determine. Because the effluent contains only domestic wastewater and the facility does not use commercial detergents, it is unnecessary to determine phosphorus. Chromium, while naturally present in underlying receiving waters, is unaffected by addition of the trace amounts in facility effluent.

4. Requirement, Section I.D.1 & 2 is modified to reflect the following for necessary groundwater monitoring wells:

The Discharger shall collect a sample from the existing onsite monitoring well (Well No. MW-1). The parameters and frequency listed in Section I.D remain unchanged.

Rationale for change – The original monitoring and reporting program required four monitoring wells to be installed as required in the *Water Quality Control Plan for the Lahontan Region* (Basin Plan). Well No. MW-1 was installed hydrologically down gradient of the seepage pits. Previously, Water Board staff allowed data to be provided from a municipal supply well owned by the Landale Mutual Water Company located about ½ mile northwest of the facility. That well is located hydrologically down gradient of the facility towards a groundwater depression created by the Lancaster well field owned by the Los County Waterworks. No other wells were installed.

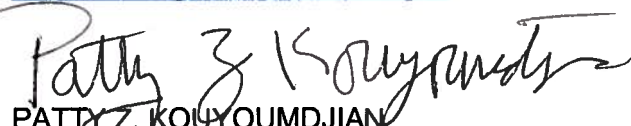
The Basin Plan was recently amended allowing the Executive Officer to modify the four-well requirement. In a February 19, 2015 email, you requested a reduction in the required groundwater monitoring wells. The low facility flow and historical monitoring data indicate that effluent discharge has a low potential to adversely affect receiving water quality. Additional wells are costly and would provide no additional meaningful data to evaluate receiving water quality. Thus, a reduction in groundwater monitoring is appropriate.

5. New Requirement, Section II.A.3 is added as follows:

Continuous time series plots, beginning with calendar year 2016, shall be submitted with the Annual Monitoring Report, due January 14 of each year for monitored parameters listed in Section I.B. Facility Influent Monitoring, Section I.C. Facility Effluent Monitoring, and Section I.D. Groundwater Monitoring,

Rationale for change – Time series data allows for improved assessment of wastewater treatment plant performance and receiving groundwater quality.

If you have any questions regarding this amendment, please call Cephass Hurr at (760) 241-3408 or email Cephass.hurr@waterboards.ca.gov, or Jehiel Cass at (760) 241-2434 or email Jehiel.Cass@waterboards.ca.gov.


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