
Los Angeles Regional Water Quality Control Board

April 19, 2013

Ms. Patti Costa, Environmental Manager
Sunshine Canyon Landfill
14747 San Fernando Road
Sylmar, CA 91342

APPROVAL OF ON-SITE USE OF TREATED SUBDRAIN WATER - SUNSHINE CANYON LANDFILL, SYLMAR, CALIFORNIA (FILE NO. 58-076, ORDER NO. R4-2008-0088, WDID NO. 4B190329001)

Dear Ms. Costa:

The Sunshine Canyon City/County Landfill (Landfill) at 14747 San Fernando Road, Sylmar, Los Angeles County, is regulated under waste discharge requirements (WDRs) Order No. R4-2008-0088 adopted by this Regional Water Quality Control Board (Regional Board) on October 2, 2008. The Landfill has a subdrain system that is installed under the liner system to capture groundwater seepage. The water collected at some of the subdrain outlets is contaminated by low levels of volatile organic compounds (VOCs) that are believed to have caused by the migration of landfill gas. The WDRs require that such contaminated subdrain water must be treated before being used on site for the purposes of dust control and irrigation.


Reference is made to your letter dated April 10, 2013, transmitting a *Revised Subdrain Waters Utilization Plan* (Plan) prepared by A-Mehr, Inc. The Plan proposes to use treated subdrain water to replace potable water for the purposes of dust control and cleaning of the paved access road and parking areas at the Landfill. Water will be applied with a truck with an auxiliary hi-pressure pump, front and rear spray bars, and a hi-pressure hose and nozzle for hand-cleaning. As with the current practice with potable water, the use of treated subdrain water shall be controlled to prevent any runoff or sediment transport into drainage channels and stormwater retention basins. The proposed dust control and cleaning is expected conducted once a week. It is estimated that approximately 500,000 gallons per year of potable water will be saved by the use of treated subdrain water.

We have completed our review of the Plan and determined that the proposed use of treated subdrain water meets the requirements of the WDRs. The Plan is therefore approved. As required in Provision I.10 of the WDRs, any water used on-site for irrigation or dust control shall not exceed the maximum contaminant levels contained in section 64435 of Title 22, California Code of Regulations for heavy metals, nitrates and organic chemicals, and in section 64473 of Title 22

for copper and zinc. Radioactivity shall not exceed the limits specified in sections 64441 and 64443 of Title 22 (or subsequent revisions). Required laboratory analytical data and the volume of treated subdrain water used for this purpose must be reported in the semi-annual reports submitted to the Regional Board for the Landfill.

If you have any questions, please contact Dr. Wen Yang, Chief of Land Disposal Unit, by calling (213) 620-2253 or emailing at wyang@waterboards.ca.gov.

Sincerely,


Samuel Unger, P.E.
Executive Officer

cc: Cindy Chen, Los Angeles County, DPH, Baldwin Park
Wayne Tsuda, City of Los Angeles, Environmental Affairs Department
M. Ali Mehrazarin, A-Mehr, Inc.