



California Regional Water Quality Control Board

Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Linda S. Adams
Agency Secretary

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Arnold Schwarzenegger
Governor

May 14, 2007

Mr. Nelson Reynolds
El Dorado Cleaners
8171 E. Wardlow Road
Long Beach, CA 90808

APPROVAL – REQUEST FOR MODIFICATION TO REVISED MONITORING AND REPORTING PROGRAM NO. CI-8496, POTASSIUM PERMANGANATE INJECTION AT EL DORADO CLEANERS, 8171 WARDLOW ROAD, LONG BEACH, CALIFORNIA. (SLIC NO. 822, SITE ID 204BF00)

Dear Mr. Reynolds:

The California Regional Water Quality Control Board – Los Angeles Region (Regional Board) has received and reviewed the April 9, 2007 letter (Letter) prepared by your consultant, Levin Fricke, for the referenced site. The Letter requests modification to the sampling frequency of certain monitoring parameters as specified in the current Revised Monitoring and Reporting Program (Revised MRP) No. CI-8496, under General Waste Discharge Requirements Order (WDR) No. R4-2005-0030.

Tetrachloroethene (PCE) released from previous dry cleaning operations on the subject property has impacted the underlying soil and groundwater. The PCE source in soil has been removed and the impact in groundwater has been adequately delineated for site cleanup. A WDR (General No. R4-2002-0030) was first issued on November 22, 2002 for the subject site to inject hydrogen release compound into the underlying groundwater to cleanup the impact of volatile organic compounds (VOCs). On May 5, 2005, this Regional Board adopted General WDR Order No. R4-2005-0030 to supersede General WDR Order No. R4-2002-0030. Per your request, General WDR Order No. R4-2005-0030 was issued on December 16, 2005 to allow the injection of potassium permanganate solution at your site to cleanup the dissolved-phase VOCs in the underlying groundwater. Based on the data already collected following the first injection event, PCE reduction in the source area was remarkable and the monitoring parameters after the injection were stable. Therefore, you proposed the following modifications to the Revised MRP for the subsequent injection events:

- 1) Change frequency of the following parameters from weekly to every other week for the first month and from monthly to every other month for the second through sixth months:
 - Temperature
 - Color
 - Chromium
 - Hexavalent Chromium
- 2) Change the frequency of the following parameters from quarterly to every other quarter:
 - Major Anions
 - Major Cations

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Mr. Nelson Reynolds
El Dorado Cleaners

- 2 -

May 14, 2007

Based on our review of the information submitted, we concur with the proposed modifications. We have revised the Revised MRP No. CI-8496 for you to implement, effective immediately. This Revised MRP (attached) shall replace the Revised MRP issued on December 16, 2005.

WDR Order No. R4-2007-0019 was adopted on March 1, 2007 to supersede WDR Order No. R4-2005-0030. A PDF version of this new WDR is available at:
http://www.waterboards.ca.gov/losangeles/html/permits/gen_orders/R4-2007-0019.pdf.

Please notify this Regional Board 72 hours before any fieldwork is commenced.

If you have any questions regarding this matter, please contact Dr. Kwangil Lee at (213) 576-6734 or Mr. Jeffrey Hu at (213) 576-6736.

Sincerely,

Deborah J. Smith
Interim Executive Officer

Enclosure: Revised Monitoring and Reporting Program No. CI-8496

cc: Jennifer Rothman, Levin Fricke (Costa Mesa office, jennifer.rathman@lfr.com)

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