State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
ORDER NO. R4-2002-0156
AMENDED WASTE DISCHARGE REQUIREMENTS
for
GOLDEN WEST REFINING COMPANY
(PROCESS UNIT AREA, SANTA FE SPRINGS)
(FILE NO. 85-13)
(Order No. 00-096)

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board) finds:

1. Free product and onsite and offsite groundwater contamination at the former Golden West Refinery (Discharger) will be remediated in accordance with Cleanup and Abatement Order No. 93-082, and the approved Final Design Report.

2. In January 2000, the Discharger submitted a supplemental Site Characterization and Remedial Work Plan for the Process Unit Area to plan and implement soil remediation for all petroleum-impacted soils at the Process Unit Area. Site characterization and soil remediation is currently continuing at the Process Unit Area.

3. Waste Discharge Requirements (Order No. 00-096) were adopted by the Regional Board on June 29, 2000, and amended in October 2000 (Order No. 00-139) for ex-situ and in-situ remediation of hydrocarbons impacted soils at the Process Unit Area to facilitate redevelopment and cleanup at the area, according to an approved Remedial Action Plan.

4. Requirement A.4 of the Waste Discharge Requirements, Footnote 1, states that the Limits may be modified by the Regional Board based on site specific background concentrations, leachability factors, fate and transport assessment or health risk analyses. On April 20, 2002, the Discharger requested the Regional Board to amend the Waste Discharge Requirement Limit for mercury based upon site specific data.

5. The Discharger analyzed 2,047 soil samples for mercury, and detected mercury concentrations ranging up to 4 mg/kg in the soil throughout the site. The limit of 0.2 mg/kg for mercury, specified in the Order No. 00-096, page 8, Article 4 is conservatively derived from the Soluble Threshold Limit Concentrations (STLC) in Title 22. The Discharger analyzed 111 of the 2,047 soil samples to determine the STLC for mercury. None of the sample results exceeded the 0.2 mg/kg STLC limit (i.e., leachable component) specified in the Waste Discharge Requirements (Order No. 00-096). Mercury is insoluble and was not detected in the groundwater beneath the site.

6. This amendment to the Waste Discharge Requirements revises the limit for mercury from 0.2 mg/kg to 4 mg/kg in Requirement A.4.

The Regional Board has notified the Discharger and interested agencies and persons of its intent to issue amended Waste Discharge Requirements for this discharge and has provided them with an opportunity to submit written views and recommendations.

The Regional Board, in a public meeting, heard and considered all comments pertaining to the discharge and to the tentative amended requirements.

IT IS HEREBY ORDERED that Order No. 00-096, adopted by the Regional Board on June 29, 2000, and as amended in October 2000 as Order 00-139 is further amended by substituting in Order 00-096, Section A.4, revised limit for mercury from 0.2 mg/kg to 4.0 mg/kg:

Parameter	Limits (mg/kg)
Mercury	4

All limitations, requirements, and provisions of Order No. 00-096 or any other amendments thereof remain in full force and effect.

I, Dennis A. Dickerson, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on September 26, 2002.

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DENNIS A. DICKERSON
Executive Officer

Date: September 26, 2002