

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

RESOLUTION NO. R5-2005-0041

AMENDING WASTE DISCHARGE REQUIREMENTS
ORDER NO. 5-01-064
NPDES NO. CA0004316

PROCTER & GAMBLE MANUFACTURING COMPANY
SACRAMENTO COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter Regional Board) finds:

1. On 16 March 2001, the Regional Board adopted Waste Discharge Requirements (WDR) Order No. 5-01-064, NPDES No. CA0004316, prescribing waste discharge requirements for the Procter & Gamble Manufacturing Company (hereafter Discharger) in Sacramento County. WDR Order No. 5-01-064 expires on 1 March 2006.
2. The Discharger discharges co-mingled cooling water and stormwater from its plant at Fruitridge and Power Inn Roads to a City of Sacramento-owned lift station where it is pumped into a concrete channel that conveys it to Morrison Creek, a water of the United States. Domestic and industrial wastewater generated on site is discharged to the Sacramento Regional County Sanitation District (SRCSD) sanitary sewer via discharge permit MIS005.
3. Provision E.3 of Order No. 5-01-064 states:

“Receiving Water Limitation D.1 requires that the discharge not cause receiving water dissolved oxygen to fall below 7.0 mg/l, effective 18 months after permit adoption. In addition, Receiving Water Limitation D.9 requires that the discharge not cause the receiving water temperature to increase more than 5 °F, effective 18 months after permit adoption. It is unknown if the Discharger can comply with these limitations. Within one year of adoption of this permit, the Discharger shall submit a report providing information to show the discharge can comply with these limitations or provide a time schedule to achieve compliance with the limitations. This Order may be reopened to amend the time schedule provided in Receiving Water Limitation D.1 and/or D.9. The schedule of compliance shall include a time schedule for completing specific actions that demonstrate reasonable progress toward compliance with the limitation and shall contain a final compliance date, based on the shortest practicable time required to achieve compliance. In no event shall the compliance date exceed 10 years from the date of adoption of this permit.”
4. The Discharger, in a letter to the Regional Board dated 15 February 2002, provided a time schedule to complete various system modifications that would allow recycling and reuse of process water onsite. Once the quality of process water is compromised, it would then be discharged to the sanitary sewer via a new tie-in to SRCSD. SRCSD, in a letter to the

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Discharger dated 22 October 2004, indicated that they would accept the cooling tower waste after completion of a pump station rehabilitation project (which was scheduled for completion in Fall 2004). The time schedule indicated that full compliance with Receiving Water Limitations D.1 and D.9 would be achieved by January 2008.

5. In a letter dated 27 March 2003, the Discharger provided more detailed information to explain the length of time necessary for full compliance with Receiving Water Limitations D.1 and D.9. The facilities current SRCSD permit, MIS005, allows the discharge of 40.3 million gallons per month (mgm) to the sanitary sewer. Currently, the facility discharges 22 mgm of domestic and industrial wastewater to the sanitary sewer (leaving 18.3 mgm available under the current contract) and up to 61 mgm to Morrison Creek. To avoid a one-time charge of \$8.8 million dollars, the facility must conserve 42.7 mgm. Therefore, the Discharger must conduct water balances and conservation studies to remain within their current discharge allocation. In addition, piping modifications can only take place during significant periods of plant shutdown (i.e., once per year in September). In a letter dated 14 April 2003, the Regional Board determined that the compliance schedule is reasonable and proposed to reopen the permit to modify the time schedule.
6. The Regional Board received a Water Conservation Project Establishment letter from the Discharger on 14 December 2004. The 13 October 2004 letter states, in part, "The scope of the project includes the installation of cooling towers, air-cooled exchangers, shell and tube exchangers, and piping modifications. The project should be completed by March 2006."
7. The action to adopt or amend an NPDES permit is exempt from the provisions of Chapter 3 of the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000, et seq.), requiring preparation of an environmental impact report or negative declaration in accordance with Section 13389 of the California Water Code.
8. The Regional Board has notified the Discharger and interested agencies and persons of its intent to amend waste discharge requirements for this discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
9. The Regional Board, in a public meeting, heard and considered all comments pertaining to the discharge.
10. This Order shall amend Waste Discharge Requirements Order No. 5-01-064, NPDES No. CA0004316, pursuant to Section 402 of the CWA, and amendments thereto, and shall take effect upon the date of hearing, provided EPA has no objections.

IT IS HEREBY ORDERED that Order No. 5-01-064 is amended to extend the final compliance date of Receiving Water Limitations D.1 and D.9. Procter & Gamble Manufacturing Company, its agents, successors and assigns, in order to meet the provisions contained in Division 7 of the California Water

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Code and regulations adopted thereunder, and the provisions of the Clean Water Act and regulations and guidelines adopted thereunder, shall comply with Amended Order No. 5-01-064 as follows:

1. Receiving Water Limitations D.1 and D.9 in Order No. 5-01-064 shall be amended to read as follows:

D. Receiving Water Limitations:

The discharge shall not cause the following in the receiving water:

1. Concentrations of dissolved oxygen to fall below 5.0 mg/l. Effective **1 March 2006**, the discharge shall not cause concentrations to fall below 7.0 mg/l.
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9. The ambient temperature to increase more than 5 °F. This limitation is to become effective on **1 March 2006**.
2. Provision E.3 in Order No. 5-01-064 shall be removed.

I, THOMAS R. PINKOS, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on 17 March 2005.

THOMAS R. PINKOS, Executive Officer