

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD,
LOS ANGELES REGION

Pasadena, California
May 24, 2001
442nd Regular Meeting

ITEM: 8.4

SUBJECT: WASTE DISCHARGE REQUIREMENTS (NON-NPDES REQUIREMENTS) - City of Los Angeles - Bureau of Sanitation; Gaffey Street Landfill

BACKGROUND: The City of Los Angeles (City) Bureau of Sanitation operated the Gaffey Street Landfill (located at 1400 North Gaffey Street, in the Wilmington/San Pedro District of Los Angeles, CA) as an incinerator ash and municipal refuse disposal facility between 1957 and under requirements contained in this Regional Board's Resolution No. 55-7, adopted May 26, 1955. The City Bureau of Street Maintenance operated the site as a street maintenance refuse disposal facility between 1968 and 1978. The landfill was closed prior to November 27, 1984, when landfill regulations were extensively revised and required specific closure procedures. Accordingly, the landfill was closed in a manner that consisted of the placement of a non-engineered soil cover over the refuse fill. The landfill is not lined and has no leachate collection and removal system or landfill gas collection and control system.

Even though it was not required, the City Bureau of Sanitation is planning to develop an active recreational facility and yard trimming processing facility at the site. Consequently, the City has elected to submit a Final Closure and Post-Closure Maintenance Plan (FCPCMP) in compliance with many of the current landfill regulations (California Code of Regulations Title 27). The City proposes an alternative final cover for the site consisting of a capillary break evapotranspiration cover that consists of a fine-grained layer of soil placed over a coarser-grained gravel material (the capillary break). Accordingly, the landfill will undergo groundwater monitoring and post-closure maintenance as described in the FCPCMP prepared for the site.

ISSUE(S): The Waste Discharge Requirements (WDRs) are being revised to incorporate final closure and post-closure maintenance for the site, based on:

- Section 13263 of the California Water Code provides for the Regional Board's periodic review and revision of waste

discharge requirements (WDRs) for landfill facilities. This site has been identified as having WDRs that needed to be reviewed by Regional Board staff in FY 00/01 to ensure they reflect current conditions; and

- The FCPCMP submitted by the City of Los Angeles – Bureau of Sanitation on June 29, 1999.

The proposed WDRs revise the findings and monitoring and reporting requirements from Regional Board Resolution No. 55-7, and incorporate the closure and post-closure maintenance procedures proposed in the FCPCMP. The proposed WDRs require groundwater monitoring at the site and submittals of the following technical reports from the City of Los Angeles – Bureau of Sanitation:

1. a workplan for installation of a capillary break evapotranspiration final cover;
2. a workplan for installation of two proposed neutron probes for monitoring soil moisture in the capillary break evapotranspiration final cover;
3. a discussion of whether soil pore water quality monitoring at the site is warranted; and
4. a discussion of the usefulness of any monitoring wells or monitoring devices that penetrate the refuse fill for the purposes of water quality monitoring and/or post-closure maintenance operations.

**PROPOSED
CHANGES:**

1) Post-closure land use to include development of an active recreational facility and yard trimming processing facility, 2) Construction of a capillary break evapotranspiration final cover; 3) Groundwater monitoring, 4) Soil pore water quality monitoring (if results submitted as part of a required groundwater monitoring report indicate that soil pore water quality monitoring warranted), 5) Soil-pore gas monitoring, 6) Soil moisture monitoring of the capillary break evapotranspiration final cover.

DISCUSSION:

Nonhazardous solid waste landfills (which include former Class II-2 landfills) have been regulated by the State Water Resources Control Board and the Regional Boards since the 1960's through the issuance of WDRs. The applicable regulations governing landfills in California, Division 3, Chapter 15 (Discharges of Waste to Land) of Title 23, California Code of Regulations (23 CCR), are now contained in California Code of Regulations Title 27 (27 CCR). Pursuant to 23 CCR Section 2510(g) [now (27 CCR Section 20080(g)], landfills that

are closed, abandoned, or inactive on the effective date of these regulations (November 1984) are not specifically required to be closed in accordance with Article 8 requirements of 23 CCR (27 CCR Section 20950). However, these landfills are subject to post-closure maintenance requirements in accordance with 23 CCR 2581(b) and (c) [now 27 CCR Section 20080(g)].

The City submitted a Closure and Post-Closure Maintenance Plan (FCPCMP) on June 29, 1999 for the landfill following 27 CCR, Division 2, Subdivision 1, Chapter 3, Subchapter 4 (Development of Closure/Post-Closure Maintenance Plans). On February 25, 2000, the California Integrated Waste Management Board (CIWMB) conditionally approved the FCPCMP. On May 10, 2000, the City submitted the information requested by staff of the Local Enforcement Agency (City of Los Angeles, Environmental Affairs Department) in fulfillment of the conditional approval. These WDRs for the landfill are being developed to incorporate applicable post-closure maintenance requirements of 27 CCR.

Tentative waste discharge requirements have been prepared for the City for the Gaffey Street Landfill. The requirements are similar to others adopted previously for similar dischargers. The attached summary sheets include a discussion of the compliance history for the revision of these WDRs.

No water quality problems are expected as a result of these discharges. The waste discharge requirements, as they are met, are in conformance with the goals of this Board's Water Quality Control Plan.

COMMENTS
RECEIVED:

See Attached.

RESPONSE
TO COMMENTS:

See Attached.

RECOMMENDATION: The tentative Order be adopted.

ATTACHMENTS:

Compliance History
Discharge Requirements Summary
Monitoring Program Cost Summary
Tentative Order
Tentative Monitoring and Reporting Program
Response to Comments

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Comment Letters
Regional Board Resolution No. 55-7