

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 85-78

ORDER AMENDING ORDER NO. 73-77
TO ADOPT CLOSURE REQUIREMENTS FOR

THE CITY OF SANTA CLARA
SOLID WASTE DISPOSAL SITE
SANTA CLARA, SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board), finds that:

1. The Regional Board, on December 27, 1973, adopted Order No. 73-77 prescribing waste discharge requirements for the City of Santa Clara Solid Waste Disposal Site, Santa Clara County.
2. This Board's Order No. 73-77 requires in Provision C.6. that the City of Santa Clara (hereinafter called the discharger) submit a closure plan to at least 90 days prior to discontinuing use of any major phase or disposal area of this site. The discharger, in response to this provision, submitted a closure plan on February 5, 1985 which satisfied all of the Board's general closure requirements as stated in Board Resolution No. 77-7 and most of the closure requirements of the new Subchapter 15 regulations (Subchapter 15 of Chapter 3 of Title 23, California Administrative Code, is herein referred to as Subchapter 15). The referenced technical report addressed closure in parcels 1 and 2, which are expected to reach final capacity around the end of August, 1985. It also addressed closure of parcel 3/6, which is expected to begin accepting refuse around the first of September, 1985.
3. The discharger's closure plan was deficient with regard to three new closure requirements of Subchapter 15. These are: 1) the placement of two permanent surveyors monuments on the waste disposal site property, 2) the establishment of an irrevocable closure fund, or other equivalent guarantees, to assure that funds for closure, post-closure monitoring, and any future remedial actions which the Board may require, will be available, and 3) the placement of four foot of cover material over refuse as described in Section 2581 of Subchapter 15; consisting of two foot of foundation material, one foot of low permeability compacted clay, and one foot of topsoil.

4. All of parcel 2 and approximately 1/3 of parcel 1 received three foot of clean soil cover containing at least one foot of low-permeability compacted clay prior to implementation of the new Subchapter 15 regulations. This was the cover requirement prior to the revision of Subchapter 15, pursuant to Board Resolution No. 77-7. It is infeasible to remove this material, and place an additional foot of foundation material beneath it, as would be necessary to comply with the cover requirements of the new Subchapter 15 regulations. An additional foot of cover over this 3 foot of cover may be required in the future, if leachate levels or water quality measurements suggest that this is needed. The discharger proposes that the remaining 2/3 of parcel 1, and all of parcel 3/6, will be covered with 4 foot of cover material as specified in Subchapter 15.
5. The Regional Board adopted a revised Water Quality Plan for the San Francisco Bay Basin on July 1, 1982 and this Order implements the water quality objectives stated in that plan.
6. This Order authorizes the closure of a Class II-2 (old designation) landfill. The order governs maintenance of an existing facility and does not have a significant effect on the environment pursuant to Section 21084 (a) of the California Environmental Quality Control Act and Section 15310 of the Resources Code.
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements to the discharger, and has provided them with an opportunity to submit their written views and recommendations.
8. The Board heard and considered in a public meeting all comments pertaining to the discharge.

IT IS ORDERED that Order No. 73-77 is hereby amended as follows:

- I. The following Specification is added:

Specification A.15.

15. Parcels 1 and 2 shall be closed in accordance with plans submitted on February 5, 1985 by the City of Santa Clara. These plans were compiled by EMCON Associates and are labelled 'Project 601-01.03' on the cover page of the technical report.

II. The following Provisions are added:

Provision C.10.

10. The discharger shall, within 30 days of the effective date of this order, specify the precise location of two permanent surveyors monuments on the waste disposal site. These locations must be satisfactory to the Executive Officer, on the basis of their suitability as permanent benchmarks from which to determine the location and elevation of wastes, containment structures, and monitoring facilities throughout the post-closure period.

Provision C.11.

11. The discharger shall, within 120 days of the effective date of this order, provide evidence of the existence of an irrevocable closure fund which contains or will contain sufficient funds to ensure post-closure monitoring and maintenance of the solid waste disposal site throughout the post-closure period. The discharger may wish to provide other financial means to ensure post-closure monitoring and maintenance, but a proposal describing these 'other means' must be submitted in detail within 60 days of the effective date of this order, and must be acceptable to the Executive Officer. Approval of 'other means' by the Executive Officer will be based on a demonstration that they provide equivalent funding to that provided by an irrevocable fund.

Provision C.12.

12. The discharger shall continue to comply with all applicable provisions of the Self-Monitoring Program issued to this facility on December 27, 1973 until such time as the Self-Monitoring Program is revised, or deemed no longer necessary by the Executive Officer on the basis of a demonstration that the landfill can no longer have a negative impact on beneficial uses of the waters of the state.

I, Roger B. James, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on June 19, 1985.


Roger B. James
Executive Officer