

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 80-37

AN ORDER AMENDING ORDER NO. 78-84 FOR:

OAKLAND SCAVENGER COMPANY
DAVIS STREET CLASS II-2 SOLID WASTE DISPOSAL SITE
SAN LEANDRO, ALAMEDA COUNTY

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

1. This Board adopted Order No. 78-84 on October 17, 1978, prescribing waste discharge requirements for Oakland Scavenger Company, (hereinafter called the discharger). Order No. 78-84 contains a requirement that the discharger submit a site closure plan which conforms to Board Resolution No. 77-7.
2. The discharger has submitted a report Closing the Davis Street Landfill dated January 1979 and supplements to the report dated June and July 1980. The report conforms to Resolution No. 77-7, with the following exceptions:
 - a. In certain areas of the closed site the final slope will be two percent rather than three percent.
 - b. The report does not call for an impermeable cover over the finished landfill.
3. Finding 2.a above will not cause water quality problems because those areas which are two percent slope are being developed as a transfer station. This is the oldest area of the site and most of this area will be paved.
4. Finding 2.b above can be mitigated with the installation of a leachate monitoring and collection system. The report supplements address a proposed leachate monitoring and control system.
5. This site will cease accepting waste during 1980 when the transfer station is completed.
6. The Board has notified the discharger and interested agencies and persons of its intent to amend waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
7. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

8. This project involves the continued operation of a privately owned Class II-2 facility with minor alteration to the land. Consequently, this project will not have a significant effect on the environment based upon the exemption provided in Section 15101, Title 14, California Administrative Code.

IT IS HEREBY ORDERED that Oakland Scavenger Company shall comply with the following at its Davis Street Solid Waste Disposal Site:

- A. The following shall be added to Order No. 78-84 as Section D:

"D. Site Closure Specifications

1. This site shall continue to be operated and its closure completed in accordance with the report, Closing the Davis Street Landfill, dated January 1979.
2. The discharger shall install a leachate monitoring and collecting system in accordance with plans contained in the Closure Plan Supplement of June and July 1980.
3. At least 120 days prior to the start of irrigation, excluding drip irrigation, the discharger shall submit a report evaluating the available leachate monitoring well data. This report should address the need for additional leachate monitoring wells. Based on this report, or initial monitoring results, or any other information the Board may consider requiring additional leachate monitoring wells.
4. Any modifications in the method of closure of the Davis Street Landfill from that contained in the report Closing The Davis Street Landfill shall be approved by this Board unless the modifications provide for direct compliance with the provisions of Resolution 77-7. Such determination shall be made by the Executive Officer."

- B. Oakland Scavenger Company shall comply with Site Closure Specification D.1 of Order No. 78-84 according to the following time schedule.

<u>Task</u>	<u>Due Date</u>
Submit a specific time schedule for site closure	December 1, 1980
Complete site closure	December 1, 1981

I, Fred H. Dierker, 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, San Francisco Bay Region, on August 5, 1980.

FRED H. DIERKER
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

REVISED

SELF-MONITORING PROGRAM
FOR

Oakland Scavenger Company

San Leandro (Davis St.) Class II-2 Solid

Waste Disposal Site, Alameda County

NPDES NO. CA _____

ORDER NO. 80-37

CONSISTS OF

PART A

AND

PART B dated
revised

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

REVISED SELF-MONITORING PROGRAM

FOR

OAKLAND SCAVENGER COMPANY
SAN LEANDRO (DAVIS ST.) CLASS II-2 SOLID WASTE
DISPOSAL SITE, ALAMEDA COUNTY

PART A

A. GENERAL

Reporting Responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383 and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as self-monitoring program, are: (1) to document compliance with waste discharge requirements and prohibitions established by this Regional Board, (2) to facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge, (3) to develop or assist in the development of effluent or other limitations, discharge prohibitions national standards of performance, pretreatment and toxicity standards, and other standards, and (4) to prepare water and wastewater quality inventories.

B. SAMPLING AND ANALYTICAL METHODS

Sample collection, storage, and analysis shall be performed according to the latest edition of Standard Methods for the Examination of Water and Wastewater prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation, or other methods approved and specified by the Executive Officer of this Regional Board, including the methods specified in attached Appendix E.

C. Commerical Laboratory Analyses

Water and waste analyses shall be performed by a laboratory previously approved for these analyses by the State Department of Health. The director of the laboratory whose name appears on the certification shall supervise all analytical work in his laboratory and shall sign all reports of such work submitted to the Regional Board.

In-house Laboratory Analysis

The Board will accept analytical data from an in-house laboratory which is not currently certified if the discharger agrees in writing to:
(1) perform all analyses in accordance with the latest edition of

"Guidelines Establishing Test Procedures for Analysis of Pollutants promulgated by US Environmental Protection Agency; (2) implement and maintain a satisfactory quality assurance program, (comparable to State Department of Health Services Standards); (3) demonstrate a good agreement in analytical results with those of a previously certified laboratory in split sampling; and (4) become certified within a reasonable time if the State Certification program is reinstated.

All monitoring instruments and equipment shall be properly calibrated and maintained to ensure accuracy of measurements.

D. SCHEDULE OF SAMPLING, ANALYSIS AND OBSERVATIONS

The discharger is required to perform observations, sampling and analyses according to the schedule in Part B.

E. RECORDS TO BE MAINTAINED

1. Written records shall be maintained at the landfill site or office and shall be retained for a minimum of 3 years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board. Such records shall show the following for each sample:
 - a. Identity of sampling and observation stations by number.
 - b. Date and time of sampling and/or observations.
 - c. Date and time that analyses are started and completed, and name of personnel performing the analyses.
 - d. Complete procedure used, including method of preserving sample and identity and volumes of reagents used. A reference to specific section of Standard Methods is satisfactory.
 - e. Calculations of results.
 - f. Results of analyses and/or observations.

F. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Written reports shall be filed quarterly (unless specified otherwise in Part B): October 15, January 15, April 15, July 15. In addition, an annual report shall be filed as indicated in F-1-f. The reports shall be comprised of the following:
 - a. Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past month and actions taken or planned

for correcting violations, such as plant operation modifications and/or plant facilities expansion. If the discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

Monitoring reports shall be signed as follows:

- (1) In the case of corporations, by a principal executive officer at the level of vice-president or his duly authorized representative if such representative is responsible for the overall operation of the facility from which the discharge originates,
- (2) In the case of a partnership, by a general partner, or
- (3) In the case of a sole proprietorship, by the proprietor,
- (4) In the case of a municipal, State or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

b. Compliance Evaluation Summary

Each report shall be accompanied by a compliance evaluation summary sheet prepared by the discharger. The report format will be specified by the Regional Board.

c. Map or Aerial Photograph

A map or aerial photograph shall accompany the report showing sampling and observation station locations.

d. Results of Analyses and Observations

Tabulations of the results from each required analysis specified in Part B by date, time, type of sample, and station, signed by the laboratory director. The report format will be specified by the Regional Board.

e. List of Approved Analyses

- (1) Listing of analyses for which the discharger is approved by the State Department of Health.
- (2) List of analyses performed for the discharger by another approved laboratory (and copies of reports signed by the laboratory director of that laboratory shall also be submitted as part of the report).

f. Annual Reporting

By April 15 of each year, the discharger shall submit an annual report to the Regional Board covering the previous calendar year. (thru the January 15 report) the report shall contain:

1. Tabular and graphical summaries of the monitoring data obtained during the previous year.
2. Comprehensive discussions of the compliance record and the corrective actions taken or planned which may be needed to bring the discharger into full compliance with the waste discharge requirements.
3. Summary of the groundwater analyses indicating any change in the quality of the groundwater.

PART B

I. DESCRIPTION OF SAMPLING STATIONS & SCHEDULE OF SAMPLING, ANALYSES & OBSERVATIONS

A. ON SITE OBSERVATION

<u>Station</u>	<u>Description</u>	
S-1 thru S-'n'	Observation stations located on any past or presently active portion of the waste site at grid squares delineated by a 500 foot grid network.	
P-1 thru P-'n'	These stations shall be located at equidistant intervals not exceeding 1000 feet around the perimeter of the active and once active portion of the disposal site excluding the area described by the 'S' stations.	
<u>Station</u>	<u>Frequency of Observation</u>	<u>Observations</u>
All S Stations	Monthly during the dry season (May 1 - October 1). Twice monthly during the wet season (October 1 - May 1). Immediately following a major rainstorm, defined as one of 6 hr. duration and 50 year return frequency.	1. Evidence of ponded water at any point on the disposal site. 2. Evidence of refuse not confined within disposal site or cell. 3. Evidence of erosion and/or day-lighted refuse. 4. Evidence of waste in contact with pools of surface water.
All P Stations	Same as for S Stations	1. Evidence of refuse not confined within a cell or parcel. 2. Evidence of odors presence or absence, characteristics, intensity source and distance of travel. 3. Evidence of leachate or water entering or leaving the disposal site, and estimated size of affected area.

All "P" and "S" stations must be monitored according to the above described frequency and report quarterly.

B. SEEPAGE AND/OR LEACHATE MONITORING

<u>Station</u>	<u>Description</u>
L-1 thru L-'n'	At a point at which each discharge occurs from the disposal area. Include a map indicating locations of discharge(s).

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Units</u>
All L Stations	Daily, grab sample at each occurrence	COD D.O. Dissolved sulfide Odors Color pH Conductivity	mg/l mg/l mg/l description description electrometric units micromhos/cm

A report shall be made by telephone of any seepage or leachage leaving the disposal area immediately after occurrence. A written report shall be filed with this Board within five days and shall contain the following information: (1) Map showing location(s) of discharge (2) Approximate flow rate (3) Nature of effect (i.e. discoloration of receiving water, size of affected area and (4) Corrective measures undertaken.

C. RECEIVING WATER OF SAN FRANCISCO BAY AND ADJACENT DRAINAGE DITCH

<u>Station</u>	<u>Description</u>
CU-1 thru CU-'n'	Located in the receiving water, 200 feet upstream from point of discharge.
CD-1 thru CD-'n'	Located in the receiving water, 200 feet downstream from point of discharge.

C. Cont.

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Unit</u>
All C Stations	Daily, during discharge coincident with sampling at "L" stations	D.O	mg/l
		Total Sulfide	mg/l
		Dissolved Sulfide	mg/l
		pH	electrometric units
		Conductivity	micromhos/cm
		Odors	description
		Color	description

D. GROUNDWATER AND PEIZOMETRIC GRADIENT MONITORING

<u>Station</u>	<u>Description</u>
G-1 thru G-4	These groundwater monitoring wells shall be located on the middle of the perimeter levee at equidistant intervals around the perimeter of the disposal area. These wells shall be as deep as necessary to determine the level of sub-surface water nearest to the ground surface.
GR-1 thru GR-12	Risers located inside the perimeter levee at equidistant intervals inside the perimeter of the filled portions of the refuse site. The risers depth shall be the bottom of the disposal site.

A well drilling log shall be submitted for each sampling well established per this monitoring program.

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Unit</u>
All "GR" Stations	Observed <u>quarterly</u> throughout the year.	Leachate level	feet
All "G" Stations	Grab sample quarterly throughout the year	Water level	feet
		Color	visual
		Chloride	mg/l
		COD	mg/l
		TDS	mg/l
		Nitrate Nitrogen (as N)	mg/l
		Total Kjeldahl Nitrogen (as N)	mg/l

Station	Type of Sample and Frequency	Analyses	Units
All "G" Stations		Conductivity	micromhos/cm
		pH	electrometric
			Cont.

All "GR" and "G" stations shall be reviewed after one year of analyses.

All "G" wells shall be constructed in accordance with the Alameda County well construction standards. The wells shall be perforated and have a minimum diameter of four (4) inches.

Prior to taking any grab samples of the groundwater wells, the wells water must be pumped a minimum of two to five minutes.

"I, Roger B. James, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 80-37.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.

ROGER B. JAMES
Executive Officer

Effective Date July 17, 1984