

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

ORDER NO. 87-54

WASTE DISCHARGE REQUIREMENTS
FOR THE
CITY OF SAN DIEGO
WEST MIRAMAR SOLID WASTE DISPOSAL FACILITY
SAN DIEGO COUNTY

The California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board), finds that:

1. Mr. Jim Gutzmer, Deputy Director, Solid Waste Division, City of San Diego, submitted an incomplete Report of Waste Discharge dated February 26, 1982 for the then proposed West Miramar Solid Waste Disposal Facility in San Diego County. After receipt of additional information, the Report of Waste Discharge was accepted on April 6, 1982.
2. On May 24, 1982, this Regional Board adopted Order No. 82-13, *Waste Discharge Requirements for the City of San Diego, West Miramar Solid Waste Disposal Facility, San Diego County*. Order No. 82-13 established requirements for the operation of a Class II-2 (old classification) sanitary landfill. Order No. 82-13 contained an expiration date of May 24, 1987.
3. As a part of the FY 1986/87 waste discharge order update program, Order No. 82-13 has been reviewed by Regional Board staff in accordance with criteria established in the Administrative Procedures Manual adopted by the State Water Resources Control Board. As a result of this review, it has been determined that changes are necessary in the requirements established by Order No. 82-13.
4. The West Miramar Solid Waste Disposal Facility is operated by the City of San Diego, Solid Waste Division. The legal property owner, the U.S. Navy Miramar Naval Air Station, leases the land to the City of San Diego. The disposal operation began in 1982 and is expected to continue operation until 2004 when it is expected to reach capacity.
5. The 870-acre landfill site is located in the City of San Diego east of I-805, south of the U.S. Navy's Miramar Naval Air Station, west of the existing North Miramar Sanitary Landfill and north of San Clemente Canyon. The site is located in the Miramar Hydrographic Subunit (6.4) of the Pecosquitos Hydrographic Unit, in portions of Sections 22, 23 and 24, T15S, R3W, SBB&M. The site location is shown on Attachment "A" to this Order.

6. The Report of Waste Discharge indicated that the refuse material received at the landfill would be spread and compacted in two-foot-thick layers on a 200-foot wide sloped working face. At the end of each working day, the compacted waste would be covered with a six-inch thickness of soil cover. The top and side slopes of each advancing lift are covered with a 12-inch interim soil cover. Final landfill slopes would be constructed at slopes no steeper than 4:1 (horizontal:vertical) for future maintenance and at minimum slopes of three percent to ensure sufficient slope for surface water runoff. The final soil cover will be planted with a moderately deep rooting grass as vertical increments of the landfill are brought to final grade.
7. In the Report of Waste Discharge, the City of San Diego proposed to convey runoff waters from the landfill site to San Clemente Canyon through a series of drainage channels and ditches. The major channels consist of excavated channels and reinforced concrete inlet structures and pipe. The drainage ditches along the outside perimeter of the landfill slopes would consist of corrugated steel pipe inlets and oversize drains, and reinforced concrete impact basin outlets. All permanent drainage ditches constructed over refuse fill areas would be underlain with a five-foot minimum thickness of earthfill. All pipes would be sized to handle runoff waters from a 100-year 24-hour frequency rain storm. Temporary drainage berms and ditches would also be installed around active refuse fill to prevent rainfall runoff from ponding above or adjacent to the site's refuse fill.
8. The Report of Waste Discharge indicated that all deposited wastes at the landfill site are above San Clemente Canyon Creek's 100-year flood level as defined by the County of San Diego.
9. In the Report of Waste Discharge, the City of San Diego proposed to install earthfill levees at the toe of the landfill across the mouth of the major finger canyons for collecting any leachate production. Also, gravel-filled sumps and riser pipes would be installed to allow for monitoring of leachate at the lower portions of the completed landfill. Any leachate generated would be either discharged back onto the landfill site or hauled to a treatment plant for disposal.
10. In the Report of Waste Discharge, the City of San Diego proposed to discharge an average of 3,500 tons per day (6,140 cubic yards per day) of municipal solid waste. The total capacity of the landfill is approximately 36,000,000 cubic yards.
11. The landfill site is located adjacent to San Clemente Canyon Creek, which flows west. Within the site a series of north/south tributary canyons divide the area into a number of flat plateaus. Present ground elevations of the site range between 237 feet above mean sea level (MSL) at the canyon floor and 428 MSL at the edge of the mesa area. The completed site will consist of two plateaus with a maximum elevation of 470 MSL.

12. The Report of Waste Discharge indicated that the geology at the site consists of a five-to-ten-foot thick surface cap of silty, sandy gravels to gravelly sandy clay of the Linda Vista Formation. This formation overlies the Stadium Conglomerate Formation consisting of gravel and cobbles in a silty sand matrix extending to a depth of 100 feet. Sediments beneath this formation are identified as the Friars and Scripps Formation, consisting of sandy grey clay containing boulders and cobbles estimated to be 600 feet in thickness.
13. Surrounding land within 1,000 feet of the landfill site is designated for open space. To the north and east of the landfill site is Miramar Naval Air Station, and to the south and west is residential development.
14. The United States Navy has retained the development rights to any methane gas produced from the landfilling operations within the leased area under terms of present lease agreements.
15. In the Report of Waste Discharge the City of San Diego proposed to install a network of methane gas monitoring probes at and adjacent to the landfill area. Should the gas probes indicate a methane concentration approaching the lower explosive limit of methane in the air (5%), the discharger will immediately notify the Navy of such circumstance and work with the Navy to effect an active control system as the (then current) technology dictates necessary to prevent any hazard to surrounding areas.
16. On October 18, 1984, the State Water Resources Control Board adopted a new version of California Administrative Code, Title 23, Chapter 3, Subchapter 15 (hereinafter Subchapter 15). The 1984 version of Subchapter 15 superseded the version of Subchapter 15 adopted in 1972. Subchapter 15 establishes waste and site classification criteria and waste management requirements for waste treatment, storage and disposal in landfills, surface impoundments, waste piles and land treatment facilities, as well as standards for mining wastes and discharges of animal waste at confined animal facilities. Subchapter 15 is to be implemented by issuance of waste discharge requirements. In order for waste discharge requirements to be issued which fully implement Subchapter 15 with respect to a specific landfill site, it is necessary for the landfill owner/operator to submit certain information called for in Subchapter 15, and for Regional Board staff to review and analyze that information. By letter dated March 26, 1985 Regional Board staff requested the City of San Diego to submit such information for the West Miramar Solid Waste Disposal Facility. By letter dated May 14, 1985, William G. Sterling, Deputy Director, City of San Diego General Services

Department, submitted information in response to Regional Board staff's request. Regional Board staff has not yet completed its review of the information submitted for the West Miramar Solid Waste Disposal Facility. Consequently, it is not known at this time whether submittal of additional information will be necessary. After all the necessary information has been submitted, reviewed, and analyzed, this Regional Board will issue new waste discharge requirements or revise these waste discharge requirements in order to fully implement Subchapter 15 for the West Miramar Solid Waste Disposal Facility. In the interim, this Order, which supersedes expired Order No. 82-13, will establish waste discharge requirements for the West Miramar Solid Waste Disposal Facility.

17. Under criteria established by the 1972 version of Subchapter 15, the West Miramar Solid Waste Disposal Facility was classified as a Class II-2 disposal site. The West Miramar Solid Waste Disposal Facility will be reclassified under criteria established by the 1984 version of Subchapter 15 when these waste discharge requirements are revised or new waste discharge requirements are issued to fully implement Subchapter 15.
18. The *Comprehensive Water Quality Control Plan Report, San Diego Region (9)* (Basin Plan) was adopted by this Regional Board on March 17, 1975; approved by the State Water Resources Control Board on March 20, 1975; and updated by the Regional Board on February 27, 1978, March 23, 1981, January 23 and October 3, 1983, August 27, 1984, and December 16, 1985. The 1978, 1981, 1983, 1984, and 1985 updates were subsequently approved by the State Board.
19. The Basin Plan established the following beneficial uses for the waters of the Miramar Hydrographic Subunit:
 - a. Surface Waters
 - (1) Industrial service supply (potential beneficial use)
 - (2) Water contact recreation
 - (3) Noncontact water recreation
 - (4) Warm fresh water habitat
 - (5) Cold fresh water habitat
 - (6) Wildlife habitat
 - (7) Preservation of rare and endangered species
 - b. Ground Water
 - (1) Industrial service supply (potential beneficial use)

20. The Basin Plan established the following water quality objectives for the Miramar Hydrographic Subunit:

Constituent	Concentration not to be exceeded more than 10 percent of the time			
	Surface Water		Ground Water ¹	
Total Dissolved Solids	500	mg/L	750	mg/L
Chloride	250	mg/L	300	mg/L
Percent Sodium	60	%	60	%
Sulfate	250	mg/L	300	mg/L
Nitrate	- - -		10	mg/L
Nitrogen & Phosphorus	*		- - -	
Iron	0.3	mg/L	0.3	mg/L
Manganese	0.05	mg/L	0.05	mg/L
Methylene Blue Active Substances	0.5	mg/L	0.5	mg/L
Boron	0.5	mg/L	0.5	mg/L
Dissolved Oxygen	**		- - -	
Odor	None		None	
Turbidity	20	NTU	5	NTU
Color	20	Units	15	Units
Fluoride	1.0	mg/L	1.0	mg/L

* Concentrations of nitrogen and phosphorus, by themselves or in combinations with other nutrients, shall be maintained at levels below those which stimulate algae and emergent plant growth. Threshold total Phosphorus (P) concentrations shall not exceed 0.05 mg/L in any stream at the point where it enters any standing body of water, nor 0.025 mg/L in any stream at the point where it enters any standing body of water. A desired goal in order to prevent plant nuisances in streams and other flowing waters appears to be 0.1 mg/L total P. These values are not to be exceeded more than 10 percent of the time unless studies of the specific water body in question clearly show that water quality objective changes are permissible and changes are approved by the Regional Board. Analogous threshold values have not been set for nitrogen compounds; however, natural ratios of nitrogen to phosphorus are to be determined by surveillance and monitoring and upheld. If data are lacking, a ratio of N:P = 10:1 shall be used.

** Ninety percent or more of natural seasonal minimum oxygen concentration and more than 5.0 mg/L maintained at least 90 percent of the time.

Note: ¹The water quality objectives do not apply west of Interstate Highway 15. Objectives for the remainder of the hydrographic subunit are as shown.

mg/L = milligrams per liter NTU = Nephelometric Turbidity Units.

21. The Basin Plan includes the following prohibitions which are applicable to the discharge:
 - a. "The dumping or deposition of oil, garbage, trash or other solid municipal, industrial or agricultural waste directly into inland waters or watercourses or adjacent to the watercourses in any manner which may permit its being washed into the watercourse is prohibited.
 - b. "Dumping or deposition of oil, garbage, trash or other solid municipal, industrial or agricultural waste into natural or excavated sites below historic water levels or deposition of soluble industrial wastes at any site is prohibited, unless such site has been specifically approved by the Regional Board for that purpose.
 - c. "Land grading and similar operations causing soil disturbance which do not contain provisions to minimize soil erosion and limit suspended matter in area runoff are prohibited."
22. The City of San Diego certified that all local agencies with jurisdiction have approved use of the site for the intended purposes.
23. The City of San Diego prepared a final Environmental Impact Report (EIR) for the West Miramar Solid Waste Disposal Facility in accordance with the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.) and the State Guidelines.
24. The project, as described in the EIR and approved by the City of San Diego, will have the following potential significant effects on the environment:
 - a. Odors and dust generated by the landfill could significantly impact local air quality.
 - b. Four hundred ninety-five acres of existing wildlife habitat land eliminated by the landfill could result in incremental loss of wildlife habitats.
 - c. The destruction of the existing canyon topography and the littering of the landfill site could have adverse impacts on visual quality.
 - d. Noise generated by the land filling operations could have an adverse impact on the adjacent residential community.
 - e. Surface runoff and leachate production generated by the landfill could result in adverse impacts to the quality of surface and ground waters.

25. The EIR identified the following changes or alterations which would mitigate or avoid the significant effects on the environment identified in Finding No. 24. The mitigation measures (a) through (d) are primarily within the responsibility and jurisdiction of another public agency and any such changes can and should be adopted by such other agency.
- a. Odors and dust will be controlled by proper maintenance (watering) of roads and compaction areas. Further mitigation will be accomplished through the planting of fill slopes to insure soil cover. The refuse will be covered with soil daily to minimize rainfall penetration, loose trash, and vector activity.
 - b. The highest quality wildlife habitats will be retained on-site and the landfill site will be reseeded and used as an open space area.
 - c. Slopes of the landfill site will be graded and reseeded with native plant species to blend with existing areas. Litter will be controlled by installation of temporary fencing of the active fill areas.
 - d. Noise from on-site equipment will be controlled by proper maintenance of engine mufflers.
 - e. Construction of site facilities, such as surface runoff water collection and bypass, floodwater protection adjacent to San Clemente Canyon, energy dissipators at the discharge ends of downdrains, and leachate collection and monitoring system at the toe of the landfill will mitigate surface and ground water impacts.
26. The Regional Board, in establishing the requirements contained herein, considered factors including, but not limited to the following:
- a. Past, present, and probable future beneficial uses of water.
 - b. Environmental characteristics of the hydrographic unit under consideration, including the quality of water available thereto.
 - c. Water quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area.
 - d. Economic considerations.
 - e. The need for developing housing within the region.
 - f. Beneficial uses to be protected and water quality objectives reasonably required for that purpose.
 - g. Other waste discharges.
 - h. The need to prevent nuisance.

27. This facility is an existing facility and as such is exempt from the provisions of the California Environmental Quality Act, in accordance with Title 14, California Administrative Code, Chapter 3, Article 19, Section 15301.
28. The Regional Board has considered all water resources related environmental factors associated with the existing discharge.
29. The Regional Board has notified the discharger and all known interested parties of the intent to update waste discharge requirements for the existing discharge.
30. The Regional Board in a public meeting heard and considered all comments pertaining to the existing discharge.

IT IS HEREBY ORDERED, That the City of San Diego and the United States Navy (hereinafter referred to collectively as the discharger), in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following at the West Miramar Solid Waste Disposal Facility:

A. PROHIBITIONS

1. Discharges of wastes to lands which have not been specifically described to the Regional Board and for which valid waste discharge requirements are not in force are prohibited.
2. The discharge of waste shall not:
 - a. Cause the occurrence of coliform or pathogenic organisms in waters pumped from the basin;
 - b. Cause the occurrence of objectionable tastes and odors in water pumped from the basin;
 - c. Cause waters pumped from the basin to foam;
 - d. Cause the presence of toxic materials in waters pumped from the basin;
 - e. Cause the pH of waters pumped from the basin to fall below 6.0 or rise above 9.0;
 - f. Cause this Regional Board's objectives for the ground or surface waters of the Miramar Hydrographic Subunit as established in the Basin Plan, to be exceeded;
3. Odors, vectors, and other nuisances of waste origin beyond the limits of the landfill site are prohibited.

4. The discharge of waste in a manner other than as described in the findings of this Order or the Report of Waste Discharge is prohibited unless the discharger obtains revised waste discharge requirements that provide for the proposed change.
5. The discharge of waste to surface drainage courses or to usable ground water is prohibited.
6. Waste materials shall not be disposed of outside of the designated disposal area(s) shown on Attachment "A".
7. Wastes shall not be placed in ponded water from any source whatsoever.
8. Disposal of hazardous waste at this waste management facility is prohibited.
9. Disposal of designated waste at this waste management facility is prohibited except as provided for by Subchapter 15, Section 2520(a)(1).
10. Disposal of liquids or semi-solid waste at this waste management facility is prohibited except as provided for by Subchapter 15, Section 2520(d)(3).
11. Disposal of sewage or water treatment sludge at this waste management facility is prohibited except as provided for by Subchapter 15, Sections 2520(d)(3) and 2523(c).
12. Basin Plan prohibitions shall not be violated.

B. DISCHARGE SPECIFICATIONS

1. The migration of methane gas from the landfill shall be controlled as necessary to prevent creation of a nuisance.
2. All wells located within the disposal area shall be sealed to the satisfaction of the San Diego County Health Department (and any other pertinent agency) prior to discharging waste materials within 100 feet of any such wells.
3. During the months when precipitation can be expected, the disposal activity shall be confined to the smallest area possible based upon the anticipated quantity of wastes and operational procedures.
4. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.
5. The discharger shall comply with Subchapter 15, Section 2520(b) at this waste management facility.

6. The discharger is responsible for accurate characterization of wastes, including determinations of whether or not wastes will be compatible with containment features and other wastes at the waste management unit in order to comply with Subchapter 15, Section 2520(b), and whether or not wastes are required to be managed as hazardous wastes under Section 66300 of the California Administrative Code, Title 22.
7. Nonhazardous solid waste and inert waste may be disposed of at this waste management facility.
- X 8. The discharger shall implement a periodic load-checking program to ensure that hazardous materials are not discharged at this waste management facility. The program shall be approved by the state Department of Health Services and the Executive Officer.
9. The discharger shall comply with all applicable requirements of Subchapter 15, Article 3 at this waste management facility. Article 3 establishes siting, design, construction, operation, and maintenance standards. Sections 2530, 2533, and Table 3.1 are applicable in whole or in part to this waste management facility.
10. The discharger shall comply with all applicable requirements of Subchapter 15, Article 4 at this waste management facility. Article 4 establishes construction standards for waste management units.

C. PROVISIONS

1. Neither the treatment nor the discharge of waste shall create a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code.
2. The discharger must comply with all conditions of this Order. Any noncompliance with this Order constitutes a violation of the California Water Code and is grounds for (a) enforcement action; (b) termination, revocation and reissuance, or modification of this Order; or (c) denial of a Report of Waste Discharge renewal application.
3. In an enforcement action, it shall not be a defense for the discharger that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with this Order.
4. The discharger shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Order, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the noncompliance.

5. The discharger shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with conditions of this Order. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls including appropriate quality assurance procedures.
6. This Order may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:
 - (a) Violation of any terms or conditions of this Order;
 - (b) Obtaining this Order by misrepresentation or failure to disclose fully all relevant facts; or
 - (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge. The filing of a request by the discharger for the modification, revocation and reissuance, or termination of this Order, or notification of planned changes or anticipated noncompliance does not stay any condition of this Order.
7. This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, nor protect the discharger from liability under federal, state or local laws, nor create a vested right for the discharger to continue the regulated activity.
8. The discharger shall allow the Regional Board, or an authorized representative upon the presentation of credentials and other documents as may be required by law, to:
 - (a) Enter upon the discharger's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Order;
 - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;
 - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
 - (d) Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order or as otherwise authorized by the California Water Code, any substances or parameters at any location.

9. A copy of this Order shall be maintained at this waste management facility and shall be available to operating personnel at all times.
10. The requirements prescribed by this Order supersede the requirements prescribed by Order No. 82-13. Order No. 82-13 is hereby rescinded when this Order becomes effective.
11. The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Order, shall not be affected thereby.
12. Alternatives and exceptions to and exemptions and waivers from requirements of Subchapter 15 shall be subject to the approval of the Executive Officer and shall be authorized only as provided for by Subchapter 15.
13. Operation of this waste management facility may be subject to regulations of the California Waste Management Board.
14. The discharger shall comply with all applicable requirements of Subchapter 15, Article 8 for partial and final closure and post-closure maintenance of this waste management facility. Article 8 establishes closure and post-closure maintenance requirements. Sections 2580 and 2581 are applicable in whole or in part to this waste management facility.
15. The discharger shall establish an irrevocable closure fund or provide other means to ensure closure and post-closure maintenance of this waste management facility in accordance with a plan approved by the Executive Officer.

D. REPORTING REQUIREMENTS

1. The discharger shall file a new Report of Waste Discharge at least 120 days prior to the following:
 - a. Significant change in the disposal method.
 - b. Change in the disposal area from that described in the findings of this Order or the Report of Waste Discharge.
 - c. Other circumstances which result in a material change in character, amount, or location of the waste discharge.
 - d. Any planned change in the regulated facility or activity which may result in noncompliance with this Order.

2. The discharger shall furnish to the Executive Officer of this Regional Board, within a reasonable time, any information which the Executive Officer may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The discharger shall also furnish to the Executive Officer, upon request, copies of records required to be kept by this Order.
3. The discharger must notify the Executive Officer, in writing at least 30 days in advance of any proposed transfer of this Order's responsibility and coverage to a new discharger. The notice must include a written agreement between the existing and new discharger containing a specific date for the transfer of this Order's responsibility and coverage between the current discharger and the new discharger. This agreement shall include an acknowledgement that the existing discharger is liable for violations up to the transfer date and that the new discharger is liable from the transfer date on.
4. The discharger shall comply with the attached Monitoring and Reporting Program No. 87-54. Monitoring results shall be reported at the intervals specified in Monitoring and Reporting Program No. 87-54.
5. Where the discharger becomes aware that it failed to submit any relevant facts in a Report of Waste Discharge or submitted incorrect information in a Report of Waste Discharge or in any report to the Regional Board, it shall promptly submit such facts or information.
6. The discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the discharger becomes aware of the circumstances. A written submission shall also be provided within five days of the time the discharger becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Executive Officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
7. The discharger shall file a written report within 90 days after the total quantity of wastes discharged at this waste management facility equals 75 percent of the reported capacity of the facility. The discharger's senior administrative officer shall sign a letter which transmits the report and certifies that the policy-making body is adequately informed about it. The report shall contain a

schedule for studies, design and other steps needed to provide additional capacity at this waste management facility or elsewhere.

8. The discharger shall submit such information as is required by Subchapter 15 and as may be requested by the Executive Officer in order to reclassify the waste management unit(s) at this waste management facility, determine retrofitting requirements, develop a water quality monitoring program as required by Subchapter 15, evaluate compliance with other applicable requirements of Subchapter 15, and prepare waste discharge requirements which fully implement Subchapter 15 for this waste management facility.
9. The discharger shall develop and submit to the Executive Officer a proposed monitoring program for this waste management facility which complies with the requirements of Subchapter 15, Article 5. Article 5 establishes requirements for ground water, surface water, and unsaturated zone monitoring and includes requirements for implementation of a detection monitoring program and, if necessary, verification and corrective action programs. The discharger shall implement the monitoring program upon approval by the Executive Officer.
10. The discharger shall conduct such monitoring as may be necessary in order to provide information requested by the Executive Officer.
11. The discharger shall comply with all applicable requirements of Subchapter 15, Article 9 for this waste management facility. Article 9 establishes compliance procedures and includes requirements for reporting, notification, and record keeping.
12. The discharger shall maintain legible records of the volume and type of each waste discharged at this waste management facility and the manner and location of discharge. Such records shall be on forms approved by the State Board and shall be maintained at the waste management facility until the beginning of the post-closure maintenance period. These records shall be available for review by representatives of the State Board and Regional Board at any time during normal business hours. At the beginning of the post-closure maintenance period, copies of these records shall be sent to the Regional Board.
13. All applications, reports, or information submitted to the Executive Officer of this Regional Board shall be signed and certified as follows:
 - a. The Report of Waste Discharge shall be signed as follows:
 - (1) *For a corporation* - by a principal executive officer of at least the level of vice-president.
 - (2) *For a partnership or sole proprietorship* - by a general partner or the proprietor, respectively.

- (3) *For a municipality, state, federal or other public agency* -by either a principal executive officer or ranking elected official.
- b. All other reports required by this Order and other information required by the Executive officer shall be signed by a person designated in paragraph (a) of this provision, or by a duly authorized representative of that person. An individual is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in paragraph (a) of this provision;
 - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity; and
 - (3) The written authorization is submitted to the Executive Officer.
 - c. Any person signing a document under this Section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

14. The discharger shall submit reports required under this Order and other information requested by the Executive Officer, to:

Executive Officer
California Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd., Suite B
San Diego, California 92124- 1331

E. NOTIFICATIONS

1. These requirements have not been officially reviewed by the United States Environmental Protection Agency and are not issued pursuant to Section 402 of the Clean Water Act.
2. The California Water Code provides that any person who intentionally or negligently violates any waste discharge requirements issued, reissued, or amended by this Regional Board is subject to admini-

strative civil liability of up to 10 dollars per gallon of waste discharged, or, if no discharge occurs, up to 1000 dollars per day of violation. The Superior Court may impose civil liability of up to 10,000 dollars per day of violation or, if a cleanup and abatement order has been issued, up to 15,000 dollars per day of violation.

3. The California Water Code provides that any person failing or refusing to furnish technical or monitoring program reports, as required under this Order, or falsifying any information provided in the monitoring reports is guilty of a misdemeanor and may be subject to administrative civil liability of up to 1000 dollars per day of violation.
4. Definitions of terms used in this Order shall be as set forth in Subchapter 15.

I, Ladin H. Delaney, 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 Diego Region, on June 15, 1987.



LADIN H. DELANEY
Executive Officer