

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

ORDER NO. 88-112

WASTE DISCHARGE REQUIREMENTS
for
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
(Scholl Canyon Landfill)

(File No. 60-117)

The California Regional Water Quality Control Board, Los Angeles Region finds:

1. The Scholl Canyon Landfill is a 430-acre waste disposal facility located at 7721 North Figueroa Street in the City of Glendale, Los Angeles County (County). The landfill is operated by the County Sanitation Districts of Los Angeles County (CSDLAC) pursuant to a Joint Powers Agreement between the City of Glendale, the County, and the CSDLAC on land owned by the City of Glendale, the County, and the Southern California Edison Company (SCE). After the completion of landfill operations, ownership of the County property and control of the entire site will revert to the City of Glendale. The final disposition of the SCE property is currently under negotiation. The 430-acre facility includes both the active Scholl Canyon Landfill and the "Inactive Scholl Canyon Landfill". This Order generally applies to the active Scholl Canyon Landfill.

2. On December 8, 1960, this Regional Board adopted Resolution No. 60-74, prescribing waste discharge requirements for the disposal of nonhazardous solid and inert waste at the active and inactive Scholl Canyon Landfills.

3. CSDLAC has filed a Report of Waste Discharge (ROWD) and supplemental information for the disposal to land of nonhazardous solid and inert wastes at the active Scholl Canyon Landfill in accordance with Section 13260, California Water Code (CWC), and Article 9 of Subchapter 15 (California Code Of Regulations, Title 23, Chapter 3, Subchapter 15, Discharges of Waste to Land). The ROWD and supplemental information include a proposal to use wastewater generated by site activities for onsite dust control and irrigation.

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4. The operation at the Scholl Canyon Landfill is in accordance with the Use Variance (Case No. 6669-U) granted by the City of Glendale to the CSDLAC on November 27, 1978. The estimated remaining landfill capacity under the existing Use Variance and fill plan as of June 30, 1988, is approximately 15.7 million tons, including daily, intermediate, and final cover material.

5. The majority of land within one mile of the Scholl Canyon Landfill is zoned for residential use, with limited areas designated for open space and special recreation. There is one strip zoned for commercial development located approximately three-quarters of a mile to the south. The majority of the adjacent property is presently undeveloped. On the northwest, the landfill borders the Scholl Canyon Golf and Tennis Complex which was developed by the City. Scholl Canyon Park is located to the west at the base of the landfill. The nearest residential development is a section of Glendale along Glenoaks Boulevard, west of the base of the landfill and adjacent to Scholl Canyon Park.

6. The Scholl Canyon Landfill is located in National Flood Insurance Program Community No. 065030. This area is classified as "Zone D", designating that the absence of a flood hazard has not been determined. There is no Flood Insurance Rate Map for Scholl Canyon. The landfill's location with respect to the surrounding topography render it unlikely to be within a 100-year flood plain.

7. Present surface elevations of the area in which landfilling operations will occur are at approximately 1300 feet above mean sea level (MSL). Proposed landfilling will reach a maximum elevation of approximately 1525 feet MSL. The final contours will tie into the surrounding ridges on three sides and will slope down-canyon to the west.

8. The landfill is, and will be operated as, a modified "cut and cover" canyon landfill. Soil, for use as interim cover, is excavated within the site property, or provided by reclaiming clean dirt loads from the incoming waste stream. Interim cover is designed and constructed to minimize infiltration of precipitation. From time to time, CSDLAC evaluates the use of other materials as alternate cover material.

9. Refuse is spread and compacted in lifts to form cells which are approximately 18 to 20 feet in height. On the face of the landfill, soil is placed at a minimum thickness of 7 feet normal to the front face (15 feet on the horizontal). In addition, a 15-foot wide bench is constructed every forty feet vertically. These benches provide for improved slope stability, drainage, and access for maintenance.

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10. CSDLAC has installed and operates a landfill gas recovery system at the landfill. Landfill gas is collected under vacuum through a system of vertical extraction wells and horizontal trenches. The recovered landfill gas is burned at a flare station consisting of two blowers and ten flares.

11. CSDLAC has installed a ground water collection, extraction and monitoring system downgradient from the landfill in order to improve the quality of downgradient ground water. The system is comprised of a subsurface barrier (a cement/bentonite cut-off wall having a design permeability of equal to or less than 10^{-6} cm/sec), extraction wells immediately upgradient of the barrier and monitoring wells immediately downgradient of the barrier. CSDLAC has also installed a ground water interception and collection system at the upcanyon location of several historic seeps.

12. CSDLAC proposes that any extracted ground water be passed through an air stripping tower or sparging unit and used for onsite dust control or irrigation or sewered. This Order specifies waste discharge requirements for use of extracted liquids and other wastewater for dust control or site irrigation.

13. Storm water at the site is controlled by channelled ditches, pipelines, drainage benches and interim drainage structures. The landfill surface is designed and graded to divert water around the area of active filling. Drainage structures carry runoff down the front face of the landfill. Irrigation is limited to reduce potential infiltration.

14. Numerous relatively small-scale faults and shears have been mapped or observed onsite, showing displacements of several feet to tens of feet. There are no known active faults within 200 feet of the Scholl Canyon Landfill site as determined using California Division of Mines and Geology Guidelines No. 37, 43 and 44. Active faults are defined as Holocene Epoch faults, meaning that they have shown surface movement in the last 11,000 years.

15. There is one potentially active fault within one mile of the landfill site. The Raymond Hill Fault strikes east-west and is located one-half mile south of the site.

16. A significant shear/fault zone is located in the northeast portion of the site. The zone strikes northwest and dips to the northeast. Low permeability gouge material has apparently created a ground water barrier along this zone as indicated by seeps which occur at this location. A collection and extraction system consisting of two sumps and two collection trenches has been constructed and is operated at this location.

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17. A seismic investigation was performed by Earth Technology Corporation for CSDLAC, dated April 14, 1988. The study predicted expected peak ground accelerations (PGAs) associated with the maximum probable earthquakes (MPE) within a 100 year return period. The models used predict that during an MPE, PGAs at the landfill could reach 0.19g to 0.25g. The study further predicts that the landfill slopes will remain stable during a MPE resulting from either a large earthquake occurring along the San Andreas Fault or a moderate earthquake occurring closer to the landfill.

18. The landfill site is underlain by igneous and metamorphic rocks of an undetermined depth, which are covered by varying amounts of fill, alluvium, and colluvium. Fill material is lithologically similar to the locally derived alluvium, and averages ten feet in thickness. The alluvium averages 14 to 35 feet in thickness. The colluvium averages two to three feet in thickness, and is generally restricted to the ridges at the site. The bedrock material is highly fractured and weathered near the surface; however, fracture filling may have reduced the permeability of the near surface bedrock. A 1984 study by Converse Consultants identified three predominant fracture sets. The major set strikes east-west, and two lesser sets strike north-south and northwest-southeast.

19. The Board adopted a revised Water Quality Control Plan for the Los Angeles River Basin on November 27, 1978. The Plan contains water quality objectives for surface and groundwaters of the San Fernando Hydrologic Subarea. The requirements in this Order as they are met will be in conformance with the goals of the Water Quality Control Plan.

20. The Scholl Canyon Landfill is located within the San Fernando Subunit of the Los Angeles - San Gabriel River Hydrologic Unit. The landfill is surrounded on three sides by ridges which restrict inflow to seasonal precipitation. The resultant groundwater flows in alluvium, weathered bedrock or fractured bedrock, generally following the surface topography and exiting the canyon to the west. Water exiting the canyon eventually enters the water bearing strata of the Los Angeles River watershed. The existing beneficial uses of the San Fernando Subunit are municipal and domestic supply, agricultural supply, industrial service supply, and industrial process supply.

21. The issuance of revised waste discharge requirements is exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (California Environmental Quality Act) since this is an ongoing project in

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accordance with the California Code of Regulations, Title 14, Chapter 3, Section 15261(b).

The Board has notified the discharger and interested agencies and persons of its intent to revise waste discharge requirements for this discharge pursuant to Section 13263 CWC, and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public meeting heard and considered all comments pertaining to the discharge and to the tentative requirements.

IT IS HEREBY ORDERED, that the County Sanitation Districts of Los Angeles County, shall comply with the following at the Scholl Canyon Landfill:

A. Acceptable Materials

1. Scholl Canyon Landfill is a Class III landfill.
2. Wastes disposed of at this site shall be limited to nonhazardous solid wastes and inert wastes.
3. Nonhazardous solid waste means all putrescible and nonputrescible solid, and semi-solid wastes, including garbage, trash, refuse, paper, rubbish, ashes, industrial wastes, demolition and construction wastes, abandoned vehicles and parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semi-solid wastes and other discarded solid or semi-solid waste; provided that such wastes do not contain wastes which must be managed as hazardous wastes, or wastes which contain soluble pollutants in concentrations which exceed applicable water quality objectives, or could cause degradation of waters of the State (i.e., designated waste).
4. Semi-solid waste means waste containing less than 50 percent solids, as described in Subsection 2520(d)(3) of Subchapter 15.
5. Incinerator ash may be discharged provided the ash does not contain hazardous waste constituents or soluble pollutants at concentrations in excess of applicable water quality objectives.

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B. Ground Water Quality Protection Standards

1. In accordance with Section 2552 of Subchapter 15, the following water quality protection standards for the uppermost semi-perched aquifer are established for this facility:

<u>Parameter</u>	<u>Units</u>	<u>Maximum Value</u>
Total dissolved solids	mg/l	2500
Sulfate	mg/l	300
Chloride	mg/l	600
Boron	mg/l	1.5
Total organic halogens	mg/l	0.5
Benzene	ug/l	0.7
Carbon tetrachloride	ug/l	5.0
Tetrachloroethylene	ug/l	4.0
Trichloroethylene	ug/l	5.0
Vinyl chloride	ug/l	2.0

2. Water quality protection standards may be modified by the Board based on more recent or complete ground water monitoring data, changes in background water quality, or for any other valid reason.

3. The compliance point(s) where the water quality protection standards shall apply shall be at the downgradient edges of the waste management facility.

4. The discharger shall use the statistical procedures contained in Subchapter 15, Section 2555(h) to determine if there is a statistically significant increase for any indicator parameter. Upon approval of the Executive Officer, alternative statistical procedures may be used.

5. In the event a statistically significant increase is observed for any indicator parameter, the discharger shall establish a verification program in accordance with Section 2557(g) of Subchapter 15.

6. The discharger shall institute a corrective action monitoring program if representative analyses of the ground water show a statistically significant increase in any water quality protection standard in accordance with Section 2557(g) of Subchapter 15.

7. The compliance period for which the water quality protection standards are applicable shall be the entire active life of the site and during the closure and post-closure maintenance periods.

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C. Limitations for Onsite Use of Water

1. Except for unadulterated tap water, any water used for dust control or irrigation shall be limited to water from the downgradient barrier extraction well system, the collection trench system, wash water resulting from steam cleaning landfill equipment, purge water from the monitoring well system or waters extracted from wells pumped for mitigation purposes.

2. Water used onsite shall not exceed the following limits:

<u>Constituents</u>	<u>Unit</u>	<u>Maximum Limit</u>
COD	mg/l	240
Oil and Grease	mg/l	15
BNA ^[1]	mg/l	0.1
Total Heavy Metals ^[2]	mg/l	1.5
Purgeable Organics ^[3]	ug/l	45.0

[1] BNA shall include the summation of concentrations of all base/neutral and acid extractable organic priority pollutant compounds.

[2] Total heavy metals shall include the combined concentrations of the following metals: arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver and zinc.

[3] Purgeable organic compounds shall include the summation of concentrations including purgeable priority pollutants, acetone and 2-butanone. No individual parameter may exceed 20 percent of the Maximum Limit.

3. The pH of the reused water shall at all times be within the range of 6.0 to 9.0.

4. This reused water shall not exceed the Maximum Contaminant Levels contained in Title 22, Chapter 15, Article 4, Section 64435, California Code of Regulations (CCR) for heavy metals, nitrates, organic chemicals, and copper and zinc contained in Section 64473.

5. Radioactivity shall not exceed the limits specified in Title 22, Chapter 15, Article 5, Sections 64441 and 64443, CCR, or subsequent revisions.

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D. Prohibitions

1. No designated or hazardous wastes such as liquids, oils, waxes, tars, soaps, solvents, or readily water-soluble solids such as salts, borax, lye, caustic, or acids shall be disposed of at this site.
2. No liquid or semi-solid wastes (i.e. less than 50% solids) shall be disposed of at this site (Section 2520(d)(3), Subchapter 15).
3. No materials which are of a toxic nature, such as insecticides, poisons, or radioactive materials, shall be disposed of at this site.
4. No hazardous wastes (or special wastes) or radioactive wastes shall be disposed of at this site.
5. The discharge of wastes or waste byproducts (leachate, for example) to natural surface drainage courses or to ground water is prohibited.
6. No infectious materials or hospital or laboratory wastes, except those authorized for disposal to land by official agencies charged with control of plant, animal, and human disease, shall be disposed of at this site.
7. No pesticide containers shall be disposed of at this site unless they are rendered nonhazardous by triple rinsing.
8. No septic tank pumpage or chemical toilet wastes shall be disposed of at this site.
9. No water shall be used at this site except for landscape irrigation, surface dust control and fire fighting. Water used on disposal areas shall be applied only on completed lifts in quantities not to exceed those necessary to support plant life and shall be confined to the irrigated areas. The ponding of irrigation water is prohibited. Wastewater shall not be used in drip irrigation or other surface or subsurface irrigation systems.
10. Washing of landfill equipment or vehicles shall be confined to areas where the wastewater will not percolate into the landfill or native soil, or enter the storm water collection system unless specifically permitted by waste discharge requirements.
11. Except for unadulterated tap water, any waters used for landscape irrigation, dust control or other non-emergency uses, shall be subject to waste discharge requirements.

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12. The spray disposal of any wastewater will not be permitted at this site without waste discharge requirements.

13. No polluted surface waters shall leave this site except as permitted by a National Pollutant Discharge Elimination System (NPDES) permit issued in accordance with the Federal Clean Water Act and the California Water Code (CWC).

14. The gas monitoring system and/or any proposed expansion of the gas collection system at this waste management unit shall be designed so that gas condensate is not returned to the waste management unit.

E. General Requirements for Disposal of Wastes

1. There shall be no damage to the community by odors or unsightliness resulting from landfill operations, such that it would create a nuisance as defined in Section 13050(m) of the CWC.

2. Neither the disposal nor handling of wastes at this site shall create pollution as defined in Section 13050(1) of the CWC.

3. The discharger shall remove and relocate to a legal point of disposal any wastes which are discharged at this site in violation of these requirements. The Board shall be informed in writing within seven days when relocation of wastes is necessary. The source and final disposition (and location) of the wastes shall also be reported within seven days.

4. Wastes deposited at this site shall be confined thereto, and shall not be permitted to blow off the site or to enter offsite water drainage ditches or watercourses.

5. Adequate measures shall be taken to prevent a condition of nuisance from fly breeding, rodent harborage, and other vectors.

6. The migration of gases from the disposal site shall be controlled as necessary to prevent water pollution or nuisance.

7. Any abandoned water wells under the control of the site owner or operator and situated within the influence of the site must be located and properly modified or sealed to prevent mixing of any water between adjacent water bearing zones. A notice of intent to decommission a water well must be filed with the appropriate regulatory agencies prior to decommissioning. Procedures used to

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decommission these wells, or to modify wells still in use, must conform to the specifications of the local health department or other applicable agencies.

8. In any area within the disposal site where seepage water is observed, provisions shall be made and/or facilities shall be provided to insure that seep water will not come in contact with decomposable refuse in this waste management unit. The location of all springs and seeps found during, prior to, or after placement of waste material that could affect this waste management unit shall be reported to the Board.

9. Construction standards for containment structures shall comply with Article 4 of Subchapter 15. Any exceptions to these standards must fully meet the standards in Section 2510, parts (b) and (c) of the regulations, and be approved by the Executive Officer.

10. All leachate from this waste management unit shall be intercepted, pumped out when detected, and properly disposed of.

11. All wastes shall be adequately covered at the end of the operating day. (See Section 2544, Subchapter 15.)

12. Drainage controls, structures, and facilities shall be designed to divert any precipitation or tributary runoff and prevent ponding and percolation of water at the site in compliance with Subchapter 15, Section 2546. Temporary structures shall be installed as needed to comply with this requirement.

13. The waste management area shall be graded and maintained to promote proper runoff of precipitation and to prevent ponding of storm water.

14. Erosion or washout of deposited materials by surface flow shall be prevented.

15. The site shall be designed to withstand the maximum probable earthquake without damage to the facilities or structures which control leachate, surface drainage, gas collection, or erosion control systems.;

16. Wastewater shall be applied by spraying for both dust control and irrigation.

17. All use of this wastewater shall be within the boundaries of the landfill property. During an emergency, this water may be used for fire fighting on the site or on undeveloped areas off and adjacent to the site.

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18. During periods of precipitation when the use of extracted wastewater is not necessary for the purposes specified in this Order, the wastewater shall be stored or hauled to a legal point of disposal.

19. Regional Board staff shall be allowed entry to the landfill, or where records are kept regarding the landfill, at any reasonable time. Staff shall be permitted to inspect any area of the landfill and any monitoring equipment used to demonstrate compliance with this Order. Staff shall be permitted to copy any records, photograph any area, obtain samples, and/or monitor to assure compliance with this Order, or as authorized by applicable laws or regulations.

F. Water Quality Monitoring

1. The discharger shall furnish, under penalty of perjury, technical or monitoring program reports in accordance with Section 13267 CWC. Failure or refusal to furnish these reports, or falsifying any information provided therein makes the discharger guilty of a misdemeanor and subject to the penalties stated in Section 13268 CWC. Monitoring reports shall be submitted in accordance with the specifications contained in a Monitoring and Reporting Program prepared by the Executive Officer. This Monitoring and Reporting Program is subject to periodic revisions as warranted.

2. The effectiveness of all monitoring wells, monitoring devices, and leachate and gas collection systems shall be maintained for the active life of this site. If any of these wells and/or monitoring devices is damaged, destroyed or abandoned for any reason, the discharger shall provide a substitute to meet the monitoring requirements of this Order. For the purpose of this requirement, "active life" shall mean the entire period during which waste material will be deposited at the site plus the closure and post-closure maintenance periods.

3. The discharger has submitted detailed plans and equipment specifications for compliance with the ground water monitoring requirements of Article 5 of Subchapter 15 as referenced in the ROWD, and in their reports titled "Scholl Canyon Subsurface Barrier System", "Scholl Canyon Landfill Subsurface Barrier System Inspection Report" and "Subchapter 15 Article 5 Compliance for the Scholl Canyon Landfill", dated November 25, 1986, February 18, 1988

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and April 15, 1988, respectively. The technical reports included rationale for the spatial distribution of ground water monitoring facilities (wells or piezometers, etc.), for the design of monitoring points, and for the selection of other monitoring equipment. These reports were accompanied by:

- a. Maps showing the locations of the monitoring facilities; and,
- b. Drawings and data showing construction details of the monitoring facilities. These data included:
 - (i) casing and bore hole diameters;
 - (ii) casing materials (PVC, stainless steel, etc.);
 - (iii) depth of each hole;
 - (iv) size and position of perforations;
 - (v) method of joining the sections of the casing;
 - (vi) nature of filter material;
 - (vii) depth and composition of seals; and,
 - (viii) method and length of time of well development.

Some of the monitoring facilities described in this report have been installed and are currently in operation. For any new or replacement monitoring wells or piezometers installed in the future, the discharger shall submit a similar technical report, to be approved by the Executive Officer, prior to installation. This technical report shall also provide for the installation of any new monitoring wells required by the Monitoring and Reporting Program. This technical report shall be submitted at least 90 days prior to the anticipated date of installation of the wells or piezometers. However, if it is a replacement well or piezometer proposed to replace an inoperative well or piezometer identified in the Well Preventative Maintenance Program below, the discharger shall not delay replacement while waiting for Executive Officer approval. In this case, the technical report should be submitted with the required time schedule.

4. Within 60 days of adoption of this Order, CSDLAC shall submit for review and Executive Officer approval, a workplan to develop and evaluate sufficient data to predict and monitor background water quality in the vicinity of the landfill. The workplan shall contain design specifications, proposed locations, and supporting rationale for monitoring wells which will be used to obtain ground water samples representative of quality equivalent to conditions anticipated to be naturally occurring at the downgradient boundary of the landfill. The workplan shall contain a time schedule for construction.

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5. The discharger shall ensure that all of the monitoring wells and/or piezometers are in proper operating order at all times. The discharger shall have a Monitoring Well Preventative Maintenance Program approved by the Executive Officer. Elements of the Program should include at the least periodic visual inspections of the well integrity, pump removal and inspection, etc., plus appropriate inspection frequencies. If a well or piezometer is found to be inoperative, the Regional Board and other interested agencies shall be so informed in writing within seven days after such discovery. When the Board is so informed, the notification shall contain a time schedule for returning the well or piezometer to operating order. The initial Monitoring Well Preventative Maintenance Program will be due to the Board within 60 days after the adoption of this Order. Changes to the Program should be submitted for Executive Officer approval at least 30 days prior to implementing the change(s).

6. The discharger shall provide for the proper handling and disposal of water purged from the wells during sampling. Water pumped from the wells shall not be returned to that (or any other) well unless appropriate waste discharge requirements have been prescribed, nor shall it be used for dust control or irrigation without waste discharge requirements.

G. Provisions

1. A proposal for a periodic waste load checking program has been implemented and is proposed for all new areas of disposal operations at the waste management unit. This program shall be implemented to counteract the disposal of hazardous, designated wastes, or other unacceptable materials.

2. The site shall have containment structures which are capable of preventing further degradation of waters of the state as a result of additional wastes (or their byproducts such as leachate or landfill gas) discharged to this landfill.

3. The following general criteria for containment structures are applicable to this site:

a. The integrity of existing containment structures shall be maintained. Excavations made as part of discharge operations shall not result in removal of any portion of a containment structure.

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- b. Any report submitted under this section or any amendment or revisions thereto which might affect existing containment features or monitoring systems shall be approved by a registered engineer or a certified engineering geologist.
 - c. The final gas migration control systems shall be constructed according to the design specifications furnished to this Board by the discharger. Any deviation from these design specifications is subject to the Executive Officer's review and approval prior to any construction.
4. The discharger, by January 1, 1989, shall submit a plan, to be approved by the Executive Officer, demonstrating compliance with Subchapter 15, Section 2580(f), which requires that the discharger provide for funding to insure that closure and post-closure maintenance activities are properly performed.
5. Interim cover is daily cover and intermediate cover as defined by the California Waste Management Board. Interim cover over wastes discharged to this landfill shall be designed and constructed to minimize percolation of precipitation through wastes and contact with material deposited. To this end, ponding of liquids over deposited wastes is prohibited.
6. The CSDLAC shall comply with all other applicable provisions, requirements, and procedures contained in the most recent revision of the California Code of Regulations, Title 23, Chapter 3, Subchapter 15, "Discharges of Waste to Land," and any amendments thereto.
7. The discharger shall comply with notification procedures contained in Section 13271 of the Water Code in regards to the discharge of hazardous substances.
8. The discharger, within 60 days after adoption of this Order, shall submit an Operation Plan, to be approved by the Executive Officer, describing the landfill operation which shall include:
- a. Contingency plans for the failure or breakdown of waste handling facilities which could have any potential water quality effects, including notice of any such failure, or any detection of waste or leachate in monitoring facilities, to the regional board, appropriate local governments, and water users downgradient of the landfill;
 - b. A description of inspection and maintenance programs which will be undertaken regularly during disposal operations, the closure, and the post-closure maintenance period of facilities

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or equipment which could have any potential water quality effects.

9. The discharger shall submit detailed preliminary and as-built plans, specifications, and descriptions for all containment structures, leak detection system components, precipitation and drainage control facilities, gas migration control and recovery systems, and interim covers which will be installed or used at the site. The discharger shall submit a description of and location data for ancillary facilities including roads, waste handling areas, buildings, and equipment cleaning facilities. These plans, specifications, etc., shall be updated as the site is completed. Preliminary plans and specifications shall be submitted at least 60 days prior to construction and as-built plans and specifications shall be submitted within 30 days after completion of construction. If the preliminary plans and specifications and as-built plans are virtually identical, only change sheets need be submitted in lieu of complete as-built plans.

10. Surveyed boundaries of the disposal areas (active and inactive) and property boundaries including elevations of the permitted disposal area shall be determined and permanent monuments shall be installed. The discharger shall submit a scaled drawing of the site showing the surveyed points, monument locations, structure locations, and any other significant features, signed by a licensed surveyor, within 60 days of adoption of this Order.

11. Bench marks shall be established and maintained at the site in sufficient number to enable reference to key elevations and to permit control of critical grading and compaction operations.

12. The discharger shall notify the Regional Board of changes in information submitted in the Report of Waste Discharge and supplementary information, including any material change in the types, quantities, or concentrations of wastes discharged; or site operations and features. The discharger shall notify the Regional Board at least 120 days before any material change is made.

13. The discharger shall notify the Regional Board in writing of any proposed change of ownership or responsibility for construction, operation, closure, or post-closure maintenance of this facility. This notification shall be given prior to the effective date of the change and shall include a statement by the new discharger that construction, operation, closure, and post-closure maintenance will be in compliance with any existing waste discharge requirements and any revisions thereof.

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14. The Regional Board shall be notified in writing within seven days if fluid is detected in a previously dry leachate detection system, a leachate collection and removal system, or if a progressive increase in the liquid volume is detected in a leachate collection and removal system.

15. The discharger shall remove and dispose of any liquid detected in a leachate collection and removal system to a legal point of disposal.

16. The Regional Board shall be notified of any incident resulting from site operations that may endanger health or the environment by telephone within 24 hours and in writing within seven days. The written notification shall fully describe the incident including what occurred, when it occurred, the duration of the incident, when correction occurred (or when correction will occur if it is a continuing incident), and the steps taken or planned to reduce, eliminate, and/or prevent recurrence. All instances of noncompliance with this Order shall also be reported to the Board in the same manner as stated above for endangerment incidents.

17. The owner or operator of this facility shall notify the Regional Board in writing at least 180 days prior to the beginning of final closure activities. The notice shall include a statement that all closure activities will conform to the most recently approved closure plan and that the plan provides for site closure in compliance with all applicable federal and state regulations. In the event closure and post-closure maintenance plans have not been submitted for this waste management area, they shall accompany this notice.

18. The owner or operator of this facility shall notify the Regional Board within 30 days after the completion of final closure activities that closure has been completed. The discharger shall certify under penalty of perjury that all closure activities were performed in accordance with the most recently approved closure plan and in accordance with all applicable regulations. The discharger shall certify that all closed waste management units shall be maintained in accordance with an approved post-closure maintenance plan(s).

19. All State, County and City sanitary health codes, rules, regulations and ordinances pertinent to the disposal of wastes on land shall be complied with in the operation and maintenance of this waste disposal site.

20. The discharger shall maintain a copy of this Order at the site so as to be available at all times to site operating personnel.

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21. This Board considers the property owner(s) to have a continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge and from gases and leachate that may be caused by infiltration or precipitation of drainage waters into the waste disposal areas or by infiltration of water applied to this property during subsequent use of the land for other purposes.

22. These requirements do not exempt the operator and/or owner of this waste disposal facility from compliance with any other current or future law which may be applicable. The requirements are not a permit; they do not legalize this waste disposal facility, and they leave unaffected any further restraints on the disposal of wastes at this site which may be contained in other statutes.

23. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the operators from his liabilities under federal, state, or local laws.

24. The operators must comply with all of the terms, requirements and conditions of this Order. Any violation of this Order constitutes a violation of the California Water Code, and is grounds for enforcement action, Order termination, Order revocation and reissuance, denial of an application for reissuance, or a combination thereof.

25. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:

- a. Violation of any term or condition contained in this Order;
- b. Obtaining this Order by misrepresentation, or failure to disclose all relevant facts;
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized waste discharge.

26. The filing of a request by the operators for a modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any condition, provision, or requirement of this Order.

27. This Order does not convey any property rights of any sort, or any exclusive privilege.

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28. The operators shall furnish, within a reasonable time, any information the Regional Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The operator shall also furnish to the Regional Board, upon request, copies of records required to be kept by this Order.

29. In the event the landfill closes, the discharger shall comply with the closure notification requirements contained in Section 2590(c)(5) of Subchapter 15. As noted in that Section, closure must be in accordance with an "approved closure plan."

30. The discharger shall submit final Closure and Post Closure Maintenance Plans to the Board at least 240 days prior to closure (unless this requirement is less stringent than laws or regulations adopted regarding Closure and Post Closure Plans adopted for other regulatory agencies).

31. Resolution No. 60-74, adopted December 8, 1960, is hereby rescinded.

I, Robert P. Ghirelli, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region on October 24, 1988.


for ROBERT P. GHIRELLI, D.Env.
Executive Officer