

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500



April 26, 1991

Mr. George A. Miller
Director of Public Works
City of Glendale
633 East Broadway
Glendale, CA 91206

**WASTE DISCHARGE REQUIREMENTS - BRAND PARK DISPOSAL SITE
(File No. 76-20) (CI 6249)**

Reference is made to our letter dated March 20, 1991, which transmitted a copy of tentative waste discharge requirements for the subject landfill located in the City of Glendale, Los Angeles County, California.

Pursuant to Section 13263 of the California Water Code, this California Regional Water Quality Control Board, at a public meeting held on April 22, 1991, reviewed the tentative Order, considered all factors in the case, and adopted Order No. 91-051 (copy attached) relative to this discharge.

Should you have any questions, please contact Blythe Poněk-Bacharowski at (213) 266-7580.

Rodney H. Nelson

RODNEY H. NELSON
Senior Engineering Geologist

enclosures

cc: See attached mailing list

BRAND PARK DISPOSAL SITE, CITY OF GLENDALE, MAILING LIST

Ms. Lisa Babcock
State Water Resources Control Board
Division of Water Quality and Water Rights
P.O. Box 944212
Sacramento, CA 94244-2121

Department of Water Resources
P.O. Box 6598
Los Angeles, CA 90055

California Integrated Waste Management Board
1020 9th Street, Suite 300
Sacramento, CA 95814

Department of Health Services
Toxic Substances Control Program
1405 N. San Fernando Boulevard
Burbank, CA 91504

Mr. Gary Yamamoto
Water Sanitation Section
Department of Health Services
1449 W. Temple Street, Room 202
Los Angeles, CA 90026

Mr. Victor Gleason
Metropolitan Water District of Southern California
1111 Sunset Boulevard
Los Angeles, CA 90054

Mr. Mel Blevins
ULARA Watermaster
111 North Hope Street
Los Angeles, CA 90012

County of Los Angeles Department of Health Services
Solid Waste Management Program
2615 South Grand Ave., Room 450
Los Angeles, CA 90007

County of Los Angeles Department of Public Works
Waste Management Division
P.O. Box 1460
Alhambra, CA 91802-1460

Mr. John Norman
Central and West Basin Water Replenishment District
P.O. Box 36
Artesia, 90702-0036

BRAND PARK DISPOSAL SITE, CITY OF GLENDALE, MAILING LIST

Mr. Chris Stubbs
Remedial Action Branch (H-6-4)
U.S. EPA Region IX
75 Hawthorne Street
San Francisco, CA 91405

STATE OF CALIFORNIA

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. 91-051

WASTE DISCHARGE REQUIREMENTS

for
City of Glendale
Brand Park Disposal Site

(File 76-20)

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

1. The City of Glendale has filed a Report of Waste Discharge with this Regional Board for Waste Discharge Requirements for the disposal of inert wastes at Brand Park. This site is located in the Verdugo Mountains, approximately 200 feet east of Brand Cemetery in Section 8, T1N/R13W, S.B.B. & M., within the San Fernando Hydrologic Subarea. This landfill occupies approximately 37 acres in the lower portion of Pomeroy Canyon and has a capacity of approximately 851,100 tons (1,418,500 cubic yards). Inert waste materials will consist of uncontaminated soils, broken concrete, broken asphalt, bricks, and street sweepings consisting of no more than 5 percent organic matter.
2. The current waste disposal acreage is approximately 4 acres. Historic wastes since 1964 consisted of grass clippings, plant and tree trimmings, street sweepings material, and concrete and asphaltic concrete rubble, permitted under Regional Board Order No. 76-104.
3. The disposal site is underlain by non-waterbearing, granitic and metamorphic basement rocks with a thin covering of residual soil and Recent alluvium. Ground water may be present in limited amounts in joints and fractures in these basement rocks as a result of deep percolation of rainfall. The Verdugo Fault is located down-canyon of the site and acts as an impediment to the movement of ground water into the water-bearing portion of the San Fernando Hydrologic Subarea.
4. There are no producing water wells in the immediate vicinity of the disposal site. The nearest well is approximately 2 miles southwest of the disposal site.
5. The landfill does not have any engineered protective feature such as a liner system, leachate collection system, or gas extraction system. A ground water monitoring network

- consisting of four ground water monitoring wells is present at the site.
6. To be in conformance with applicable water quality control objectives, the City of Glendale has proposed that only inert, non-decomposable, insoluble wastes will be deposited at this site.
 7. The Board adopted a revised Water Quality Control Plan for the Los Angeles River Basin on November 27, 1978. The Water Quality Control Plan contains water quality objectives for the San Fernando Valley Groundwater Basin. The requirements contained in this Order, as they are met, will be in conformance with the goals of the Water Quality Control Plan.
 8. Ground waters within the San Fernando Valley Groundwater Basin are beneficially used for municipal, domestic, agricultural and industrial water supply, and fresh water replenishment.
 9. The project is categorically exempt from the provisions of the California Environmental Quality Act in accordance with the California Code of Regulations, Title 14, Chapter 3, Section 15304 (c).

The Regional Board has notified the discharger and interested parties and persons of its intent to prescribe Waste Discharge Requirements for this discharge.

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

IT IS HEREBY ORDERED, that the City of Glendale shall comply with the following:

A. Discharge Specifications

1. Disposal at this site shall only be by the City of Glendale or by persons authorized to act on behalf of the City.
2. Wastes disposed of at this site shall be limited to the following:
 - a. uncontaminated soil
 - b. broken concrete

- c. broken asphalt (asphalt shall not be dumped into standing water nor shall it be placed below the highest anticipated ground water elevation.
 - d. Street sweepings (with no more than 5% organic matter).
3. No hazardous wastes, designated wastes, or liquid wastes shall be deposited at this site.
 4. No nonhazardous solid wastes (decomposable organic refuse such as, but not necessarily limited to, ordinary household and commercial refuse, tin cans, metals, paper and paper products, cloth and clothing, wood and wood products, lawn clippings, sod, shrubbery, hair, hide, bones, dead animals, roofing paper, tar paper, unquenched ashes mixed, with refuse, market refuse, garbage, etc.) shall be deposited at this site.
 5. No materials of a toxic nature such as insecticides, poisons, or radioactive materials, shall be deposited at this site.
 6. No asbestos or asbestos products shall be deposited at this site.
 7. Wastes deposited at this site shall be confined there to, and shall not be permitted to enter drainage ditches or watercourses.
 8. Erosion of deposited materials by surface flow shall be prevented.
 9. Neither the discharge nor any treatment of wastes shall cause pollution or nuisance.
 10. The discharger shall remove and relocate at a legal disposal site any wastes which are discharged in violation of these requirements.

B. Provisions

1. The discharger shall maintain the existing ground water monitoring network and adequately ascertain if there is any impact to ground water quality as a result of the

operation of this disposal site.

2. The discharger shall use the statistical procedures contained in Subsection 2555 (h), Chapter 15, Division 3, Title 23, of the California Code of Regulations, to determine if there is a statistically significant increase for any background indicator parameter. Upon approval of the Executive Officer, alternative statistical procedures may be used.
3. In the event that a statistically significant increase is observed for any background indicator parameter, the discharger shall establish a verification program in accordance with Subsection 2556 (b) of Chapter 15 unless such a program has already been submitted.
4. If verification monitoring determines that there is a statistically significant increase in the water quality protection standard (background indicator parameters), then the discharger shall institute a corrective action monitoring program in accordance with Subsection 2557 (g) of Chapter 15.
5. The discharger shall take any and all necessary measures to prevent unauthorized disposal of wastes at this site by instituting a waste load checking program. A workplan outlining this program must be submitted to the Executive Officer for approval within ninety (90) days after adoption of this Order.
6. The discharger shall maintain a copy of this Order at the site so as to be available at all times to personnel operating the site.
7. The discharger shall file with this Regional Board a report of any material change or proposed change in the character, location, boundaries or quantity of this waste discharge at least 120 days prior to the date of such proposed change.
8. In the event of any change in name of operator or in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this Regional Board in writing of such a change; and

- b. Notify the succeeding owner or operator by letter, a copy of which shall be filed with this Regional Board, of the existence of this order.
9. Ninety (90) days prior to cessation of disposal operations at this site, the discharger shall submit a technical report to the Regional Board describing the methods and controls to be used to assure protection of the quality of receiving waters during final operations and with any proposed subsequent use of the land. Such methods and controls shall comply with the foregoing and be waste discharge requirements. The report shall be prepared under the direct supervision of a California-registered geologist or engineer, or a California-certified engineering geologist.
10. This Regional Board considers the property owner to have continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge or water applied to this property during subsequent use of the land for other purposes.
11. These requirements do not exempt the operator of this waste disposal facility from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this waste disposal facility, and they leave unaffected any further restraint on the disposal of wastes at this site which may be contained in other statutes or required by other agencies.
12. In accordance with the California Water Code, the discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted.
13. According to Section 13263 of the California Water Code, these requirements are subject to periodic review and revision by this Regional Board.
14. The requirements and provisions of Order No. 76-104, adopted by the Regional Board on June 28, 1976 are hereby rescinded.

City of Glendale
Order No. 91-051

File No. 76-20

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 April 22, 1991.

Robert P. Ghirelli
ROBERT P. GHIRELLI, D.Env.
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD,
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. 6249

for

CITY OF GLENDALE
(Brand Park Disposal Site)
(File No. 76-20)

I. Reporting

- A. The discharger shall implement this monitoring and reporting program at the first quarter immediately following adoption of these Waste Discharge Requirements.
- B. Monitoring reports shall be submitted by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

All ground water monitoring wells must be sampled quarterly according to this schedule until one year of sampling is complete. Thereafter, the monitoring frequency will be decreased to semi-annually with reports due on July 15th and January 15th of every year.

- C. If no wastes are disposed of during the quarter, the report shall so state.
- D. Each monitoring report must affirm in writing that:
- All analyses were conducted at a laboratory certified for such analyses in accordance with Section 13176 of the California Water Code and in accordance with current EPA 40 CFR, Part 261 guidelines, or as specified in this Order.
- E. For any analyses performed for which no procedure is specified in the EPA guidelines or in this Order, the constituent or parameter analyzed and the method or procedure used must be specified in the report.
- F. The monitoring report must also include the following:
- a. Sampling protocol used.
 - b. Laboratory analytical result sheets, chain of custody documentation, and dates which indicate when the ground

- water samples were obtained, analyzed, and when the results were reported. Practical quantification limits must be specified. Laboratory QA/QC must also be included.
- c. If any required samples were omitted during the reporting period, a statement to that effect shall be made, including an explanation for the omission.
 - d. Ground water elevations measured to the nearest 0.01 foot relative to mean sea level.
 - e. An evaluation of the results of the water testing signed by a California-registered geologist or engineer or California-certified engineering geologist.
- G. Where the units for a parameter are listed as ug/l(ppb), suitable analytical techniques shall be used to achieve this precision. All minimum limits of detection shall be below the current Action Levels recommended by the California Department of Health Services, or the minimum limit of detection specified in EPA Methods, or Appendix A, 40 CFR 136, if the Action Level is not achievable.
- H. Analytical data reported as "less than" shall be reported as less than a numeric value or below the limit of detection for that particular analytical method.
- I. All analytical samples obtained for this Program shall be grab samples.
- J. After approval of the required waste load checking program, results of that checking program shall be reported in each monitoring report. In the event that a hazardous or other unacceptable wastes are detected, the type, source, and final disposition of those wastes shall also be reported.

II. Waste Disposal Reporting

- A. The first report to the Regional Board shall include a map of the site indicating the areas that are currently being filled.
- B. A report containing the following information shall be filed with this Regional Board for each calendar quarter:
 - a. A tabular list of the estimated average monthly quantities (in cubic yards) and types of materials

deposited each month. If no wastes were deposited during the quarter, the report shall so state.

- b. The areas of the site where the above materials were deposited. If a new area has been started, submit another map of the site and indicate the new areas being filled and any recently completed areas.
- c. An estimate of the remaining life of the site in years and months.
- d. A certification that all wastes deposited were in compliance with the Regional Board's requirements and that no wastes have been deposited outside of the boundaries of the site as specified in the Regional Board's requirements.

III. Ground Water Monitoring

- A. The following ground water monitoring wells will comprise the ground water monitoring network:

MW-1
MW-2
MW-3
MW-4

- B. The ground water monitoring program is to be continued even during periods when no wastes are deposited at the site.
- C. All of the ground water monitoring wells will be sampled quarterly until completion of the first year, and semi-annually thereafter, for the following indicator parameters:

<u>Parameter</u>	<u>Units</u>
pH: field and Laboratory	pH units
electrical conductivity	umhos/cm
alkalinity	mg/l
bicarbonate (as HCO ₃)	mg/l
carbonate (as CO ₃)	mg/l
carbon dioxide	mg/l
chemical oxygen demand	mg/l
total hardness (as CaCO ₃)	mg/l
total dissolved solids	mg/l
cadmium	µg/l
chloride	mg/l

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chromium	µg/l
iron	mg/l
lead	µg/l
nickel	mg/l
nitrates	mg/l
sulfate	mg/l
benzene	µg/l
PCE (perchloroethylene)	µg/l
TCE (trichloroethylene)	µg/l
vinyl chloride	µg/l

In addition, the first analyses shall include determinations for all EPA priority pollutants.

This monitoring program includes the attached general monitoring and reporting provisions.

Ordered by:

Robert P. Hurelli
Executive Officer

Date:

April 22, 1991

CALIFORNIA REGIONAL WATER-QUALITY CONTROL BOARD

LOS ANGELES REGION

GENERAL MONITORING AND REPORTING PROVISIONS

1. All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.
2. All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health.
3. Effluent samples shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.
4. The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to ensure accuracy of measurements, or shall ensure that both activities will be conducted.
5. A grab sample is defined as an individual sample collected in fewer than 15 minutes.
6. A composite sample is defined as a combination of no fewer than eight individual samples obtained over the specified sampling period. The volume of each individual sample is proportional to the discharge flow rate at the time of sampling. The sampling period shall equal the discharge period, or 2 hours, whichever period is shorter.
7. For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharger into full compliance with requirements at the earliest time and submit a timetable for correction.
8. By February 1 of each year, the discharger shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss 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.
9. The discharger shall maintain all sampling and analytical results, including strip charts; date, exact place, and time of sampling; date analyses were performed; analyst's name, analytical techniques used; and results of all analyses. Such records shall be maintained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge when requested by the Board.
10. In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the data, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with waste discharge requirements and, where applicable, shall include results of receiving water observations.

GENERAL MONITORING AND REPORTING PROVISIONS
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11. Monitoring reports shall be signed by:
- a. In the case of corporations, by a principal executive officer at least of 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;
 - b. In the case of a partnership, by a general partner;
 - c. In the case of a sole proprietorship, by the proprietor;
 - d. 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.

12. Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the foregoing is true and correct.

Executed on the _____ day of _____ at _____.

_____ (Signature)

_____ (Title)

13. The discharger shall mail a copy of each monitoring report to the following:

California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754-2156

ATTN: Executive Officer

14. If no flow occurred (or no waste was deposited) during the reporting period, the report shall so state.
15. These records and reports are public documents and shall be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region. Records or reports which might disclose trade secrets, etc., may be excluded from this provision as provided in Section 13267 (b) of the Porter-Cologne Water Quality Control Act, if requested.