

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

107 SOUTH BROADWAY, SUITE 4027  
LOS ANGELES, CALIFORNIA 90012-4596  
(213) 620-4460



July 11, 1986

Mr. James S. Wall  
Property Manager  
Livingston-Graham  
16080 Arrow Highway  
Irwindale, CA 91706-0943

**WASTE DISCHARGE REQUIREMENTS - IRWINDALE DIKE (FILE NO. 78-23; CI 6446)**

Our letter dated June 5, 1986, transmitted a draft of tentative requirements for disposal of inert wastes.

Pursuant to Section 13263 of the California Water Code, this California Regional Water Quality Control Board, at a public meeting held on June 23, 1986, reviewed these tentative requirements, considered all factors in the case, and adopted Order No. 86-40 (copy attached) relative to this discharge.

Also attached is a copy of specifications for technical reports to be submitted by you. Your first monitoring report is due by October 15, 1986. Please reference all technical monitoring reports required by this Order to our Compliance File No. 6446. We would appreciate it if you would not combine other reports, with your monitoring reports, but would submit each type of report as a separate document.

If you have any questions, please call Mr. John Chiang at (213) 620-5451.

A handwritten signature in cursive script that reads "Robert P. Ghirelli".

ROBERT P. GHIRELLI, D.ENV.  
Executive Officer

JC/pl

cc: See attached mailing list

Enclosures

Mailing List  
Livingston-Graham  
(File #78-23)

cc: State Water Resource Control Board, Division of Water Quality  
Department of Water Resources  
California Waste Management Board  
Department of Health Services, Sanitary Engineering Section  
Los Angeles County, Department of Health Services, Solid Waste  
Management Section  
Los Angeles County, Department of Public Works, Engineering Services  
Division  
Los Angeles County, Department of Public Works, Hydraulic/Water  
Conservation Division  
Mr. Charles Martin, City of Irwindale  
Irwindale Community Redevelopment Agency  
Mr. James H. Van Wagner, Valley County Water District  
Ms. Jane Bray, Upper San Gabriel Valley Municipal Water District  
Mr. Bob Nicholson, Main San Gabriel Water Master  
Central and West Basin Water Replenishment District  
NOAA, National Marine Fisheries Service  
LeRoy Crandall & Associates

State of California

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. 86-40

WASTE DISCHARGE REQUIREMENTS  
FOR  
LIVINGSTON-GRAHAM  
A Division of Symons Corporation  
(File No. 78-23)

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

1. Livingston-Graham, A Division of Symons Corporation, discharges wastes under waste discharge requirements contained in Order No. 78-138, adopted by this Regional Board on November 27, 1978.
2. The California Water Code, Section 13263 provides that all requirements shall be reviewed periodically and, upon such review, may be revised by the Regional Board.
3. Livingston-Graham operates a sand and gravel processing plant located at 13550 Live Oak Avenue, Irwindale, California, and disposes of inert solid wastes to build up the level of an existing dike at a site located in Sections 11 and 12, T1S, R11W, S.B.B. & M., about 1 mile west of the San Gabriel River and 1.4 mile southwest of Santa Fe Dam. The top of the dike is proposed to be raised 57 feet to an elevation of 332 feet above sea level. The dike separates a settling pond and percolation ponds used in treatment and disposal of washwater from the sand and gravel processing operation. The site is owned by HPE Realty and controlled by Livingston-Graham, under a long-term lease which expires March 30, 1997.
4. The site is within San Gabriel Valley Hydrologic Subunit and is underlain by a thick sequence of alluvial fan materials that constitute the water-bearing sediments of the Main San Gabriel Ground Water Basin.
5. The Board adopted a revised Water Quality Control Plan for Los Angeles River Basin on November 27, 1978. The Plan contains water quality objectives for groundwater of the San Gabriel Valley Hydrologic Subunit. The requirements contained in this Order, as they are met, will be in conformance with the goals of the Water Quality Control Plan.
6. Groundwater within San Gabriel Valley Hydrologic Subunit is beneficially used for municipal and domestic supply, agricultural supply, industrial service and process supplies, and freshwater replenishment.
7. This project is an "existing facility". As such it is exempt from the provision of the California Environmental Quality Act in accordance with Section 15301, Chapter 3, Title 14, California Administrative Code.

The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge.

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

IT IS HEREBY ORDERED, that Livingston Graham, a Division of Symons Corporation, shall comply with the following:

A. Waste Discharge Requirements

1. Wastes deposited at this site shall be limited to inert wastes only (non water-soluble, nondecomposable inert solids) such as, but not limited to:
  - a. Earth, rock, gravel, and concrete
  - b. Asphalt paving fragments
  - c. Glass
  - d. Plaster and Plasterboard
  - e. Brick
  - f. Clay and clay products
2. No 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.
3. No hazardous wastes, designated wastes or liquid wastes shall be deposited at this site.
4. No asbestos or asbestos products 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. Wastes deposited at this site shall be confined thereto, and shall not be permitted to enter drainage ditches or watercourses.
7. Erosion of deposited materials by surface flow shall be prevented.
8. Neither the discharge nor any treatment of wastes shall cause pollution or nuisance.

9. 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 a copy of this Order at the site so as to be available at all times to site operating personnel.
2. The discharger shall file with this 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.
3. 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 Board of such change; and
  - b. notify the succeeding owner or operator by letter, a copy of which shall be filed with this Board, of the existence of this Order.
4. 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.
5. This Board considers the property owner to have a continuing responsibility for correcting any problems which may arise as a result of this waste discharge.
6. These requirements do not exempt the operator of this waste disposal facility from compliance with any other 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.
7. At least 90 days prior to cessation of disposal operations at this site, the discharger shall submit a technical report to the Board describing the methods and controls to be used to assure protection of the quality of surface and groundwaters of the area during final operations and with any proposed subsequent use of the land. The report shall be prepared by or under the supervision of a registered engineer or a certified engineering geologist.

8. According to Section 13263 of the Water Code, these requirements are subject to periodic review and revision by this Regional Board.
9. Order No. 78-138, adopted by this Board on November 27, 1978, 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 June 23, 1986.



ROBERT P. GHIRELLI, Executive Officer

JLC/pml

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION  
MONITORING AND REPORTING PROGRAM NO. 6446

FOR

LIVINGSTON-GRAHAM  
A Division of Symons Corporation  
(File No. 78-23)

The discharger shall implement this monitoring program on the effective date of this Order.

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

If no wastes are disposed of during the quarter the report shall so state.

Each monitoring report must affirm in writing that:

All analyses were conducted at a laboratory certified for such analyses by the State Department of Health Services or approved by the Executive Officer and in accordance with current EPA guideline procedures or as specified in the Monitoring Program.

For any analyses performed for which no procedures is specified in the EPA guidelines or in this Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report.

Location of Surface Water and Ground Water Monitoring and Sampling Stations

The monitoring and sampling stations shall consist of one at the percolation pond and four wells:

1S/11W - 00M, 1S/11W - 12C02, 1S/11W - 12C01, and 1S/11W - 12C04.

Frequency and Techniques of Sampling and Analysis

1. All the above sites will be sampled semiannually during the first and third calendar quarters for the following water quality parameters:

<u>Parameter</u>	<u>Units</u>
pH[1]	pH units
Electrical Conductivity[1]	umhos/cm
Chemical Oxygen Demand	mg/l
Alkalinity[1]	mg/l
Threshold odor	mg/l
Carbon Dioxide[1]	mg/l
Total hardness (as CaCO <sub>3</sub> )	mg/l
Total dissolved solids	mg/l
TCE	mg/l
Lead	mg/l
Cadmium	mg/l
Chromium	mg/l
Nickel	mg/l
Sulfate	mg/l
Chloride	mg/l
Nitrogen	mg/l
Tannin and lignin	mg/l
PCE (Perchloroethylene)	mg/l

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

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[1] Field determination

REPORTING

1. The first report to the Board is due by October 15, 1986, and shall include a map of the site indicating the areas that are currently being filled, and information on well construction details and perforation intervals of those wells to be used for groundwater monitoring.
2. A report containing the following information shall be filed with this Board for each calendar quarter:
  - a. A tabular list of the estimated average monthly quantities (in cubic yards) and types of material deposited each month. If no wastes were deposited during the month, 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 Board's requirements and that no wastes have been deposited outside of the boundaries of the site as specified in the Board's requirements.
3. A report containing the following information shall be filed with this Board along with the first and third quarterly reports:
    - a. Analytical results and dates of water samples taken from each monitoring station. If any required samples were omitted during the reporting period, a statement to that effect will be made, including an explanation for the omission.
    - b. The method of sampling each station.
    - c. Semiannual water level elevations in each monitoring well.
    - d. An evaluation of the results of the water testing.
  4. Semiannual reports shall be submitted on April 15 and October 15.

GENERAL PROVISIONS FOR REPORTING

1. If at any time during the year the discharge is not in compliance with discharge requirements, a technical report must be submitted to the Board within 15 days detailing the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.
2. By February 15 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 discharge into full compliance with the waste discharge requirements.
3. Monitoring reports shall be signed by:
  - a. In the case of corporation, by a principle 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 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 municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
4. Each report shall contain the following completed declaration:

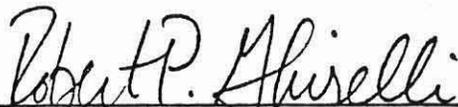
"I declare under penalty of perjury that the foregoing is true and correct. Executed on the \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title"

5. The groundwater monitoring program is to be continued even during periods when no wastes are deposited at the site.

These records and reports are public documents and shall be made available for inspection during business hours at the offices of the California Regional Water Quality Control Board, Los Angeles Region.



ROBERT P. GHIRELLI, D.Env.  
Executive Officer

June 23, 1986

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Date