

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION**

ORDER NO. 87-40

WASTE DISCHARGE REQUIREMENTS  
FOR

LESLIE SALT COMPANY  
REPROCESSING/REGENERATION OF WATER SOFTENER BRINE  
Amboy, CA - San Bernardino County

*rescinded  
by: Bd. Ord. # 96-026  
5/22/96*

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. Leslie Salt Company (hereinafter also referred to as the discharger), 7200 Central Avenue, Newark, California, 94560, submitted a Report of Waste Discharge dated February 17, 1987.
2. The discharger proposes that water softening companies in Southern California would ship brine from central water softening regeneration plants to Leslie's salt and calcium chloride processing plant at Bristol Dry Lake near Amboy, California. The brine would be reprocessed (using solar evaporation) in existing brine processing trenches to recover dry sodium chloride and calcium chloride brine: products which are currently being produced at Leslie's Amboy plant. About 80 trucks per month would be transporting the brine. Recovery of product is anticipated to be about 1400 tons of dry sodium chloride and 1700 tons of calcium chloride liquid per year. When an acceptable load is received, the brine would be put into concentrating ponds. As evaporation takes place, this material is ultimately placed into a crystallizing pond where liquid calcium chloride is decanted from the pond surface. The precipitated sodium chloride is then available for harvesting. The calcium chloride is sold to ready mix concrete and refrigeration markets, and the harvested sodium chloride is sold to water conditioning dealers, the enhanced oil recovery industry and other industrial users.
3. The brine from water softening companies in Southern California is similar to natural occurring brines used to produce calcium chloride and sodium chloride at Bristol Dry Lake.
4. Leslie Salt's Amboy facility is located in Sections 27 and 28 Township 5 North, Range 15 East, SBB&M.
5. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984.
6. There are no surface waters in the vicinity of the discharge. The discharger reports that depth to ground water at the proposed project site is less than 20 feet. Brine conditions exist with a total dissolved solids concentration of about 34,000 mg/l. The brine is sodium chloride in character.

*Changed  
ownership  
Bd. Ord. # 92-015  
Jan. 22/92*

7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed project.
8. The Board in a public meeting heard and considered all comments pertaining to the proposed project.
9. These waste discharge requirements govern a minor alteration to land and therefore are exempt from the provisions of the California Environmental Quality Act in accordance with Section 15304, Chapter 3, Title 14 of the California Administrative Code.

IT IS HEREBY ORDERED, that the discharger shall comply with the following:

A. Discharge Specifications

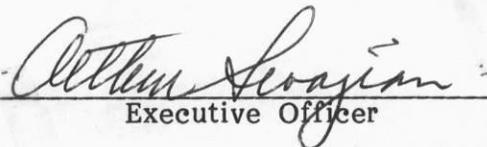
1. The treatment or disposal of wastes shall not cause a pollution or a nuisance as defined in Section 13051(l) and 13050(m) in Division 7 of the California Water Code.
2. Prior to accepting a load of water softener brine for reprocessing, the discharger shall take a representative sample of the brine. The sample shall be analyzed for pH, suspended solids and settleable solids. The sample shall also be visually inspected for any foreign matter (such as a sheen from petroleum products) or unusual color. This analysis shall be recorded on the inspection sheet, signed/dated by the discharger, and be available on site for inspection by Board staff.
3. These requirements are for the wastes described in Finding No. 2 (above). Prior to the discharge of any other brine/salt wastes, the discharger shall request permission from the Executive Officer in writing and receive approval prior to discharge.

B. Provisions

1. Prior to any modifications in this discharge which would result in material change in the quality or quantity of waste, the discharger shall report in writing to the Regional Board and receive waste discharge requirements prior to discharge.
2. The discharger shall comply with "Monitoring and Reporting Program No. 87-40", and future revisions thereto, as specified by the Executive Officer.
3. In the event of any change in operation, or in control or ownership of land and/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 of the existence of this Order, and a copy of the letter shall be filed with this Board.

I, Arthur Swajian, 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, Colorado River Basin Region, on May 20, 1987.

  
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 87-40  
FOR  
LESLIE SALT COMPANY  
REPOCESSING OF WATER SOFTENER BRINE  
Amboy, CA - San Bernardino County

Location: Section 27, Township 5 North, Range 15 East, SBB&M

MONITORING

The discharger shall analyze a sample from the reprocessing solar evaporating basins and report to the Regional Board concerning the following:

<u>Item</u>	<u>Unit</u>	<u>Reporting</u>
1. Non Volatile and Volatile organics screening test	mg/l	Annually
2. Arsenic, Cadmium, Chromium Copper, Mercury, Zinc, Lead	mg/l	Annually
3. Oil and grease	mg/l	Annually

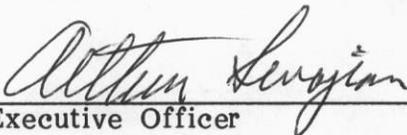
REPORTING

Annual monitoring reports shall be submitted to the Regional Board by January 15 of each year.

Submit monitoring reports to:

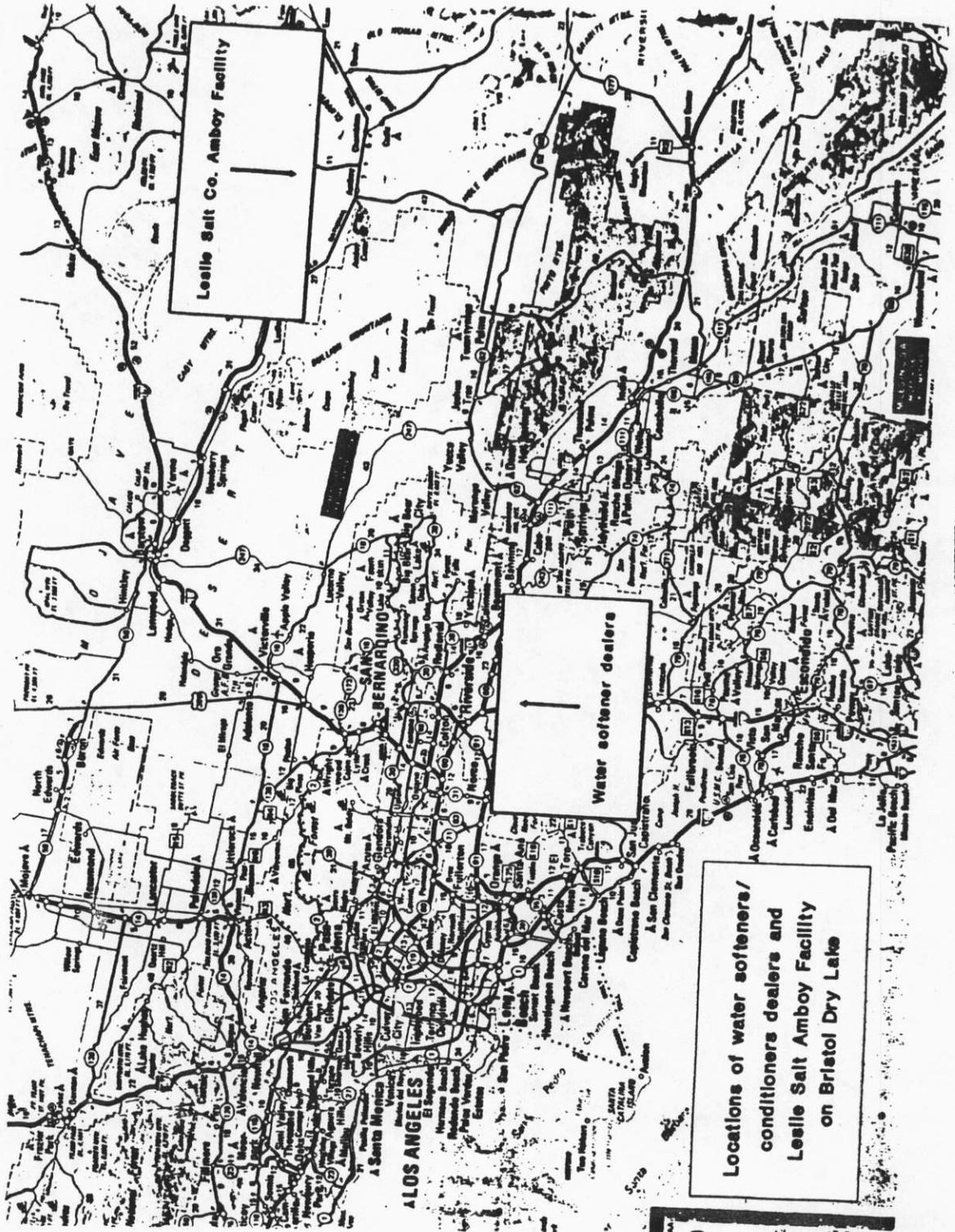
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-271 Highway 111, Suite 21  
Palm Desert, CA 92260

ORDERED BY:

  
Executive Officer

May 20, 1987

Date



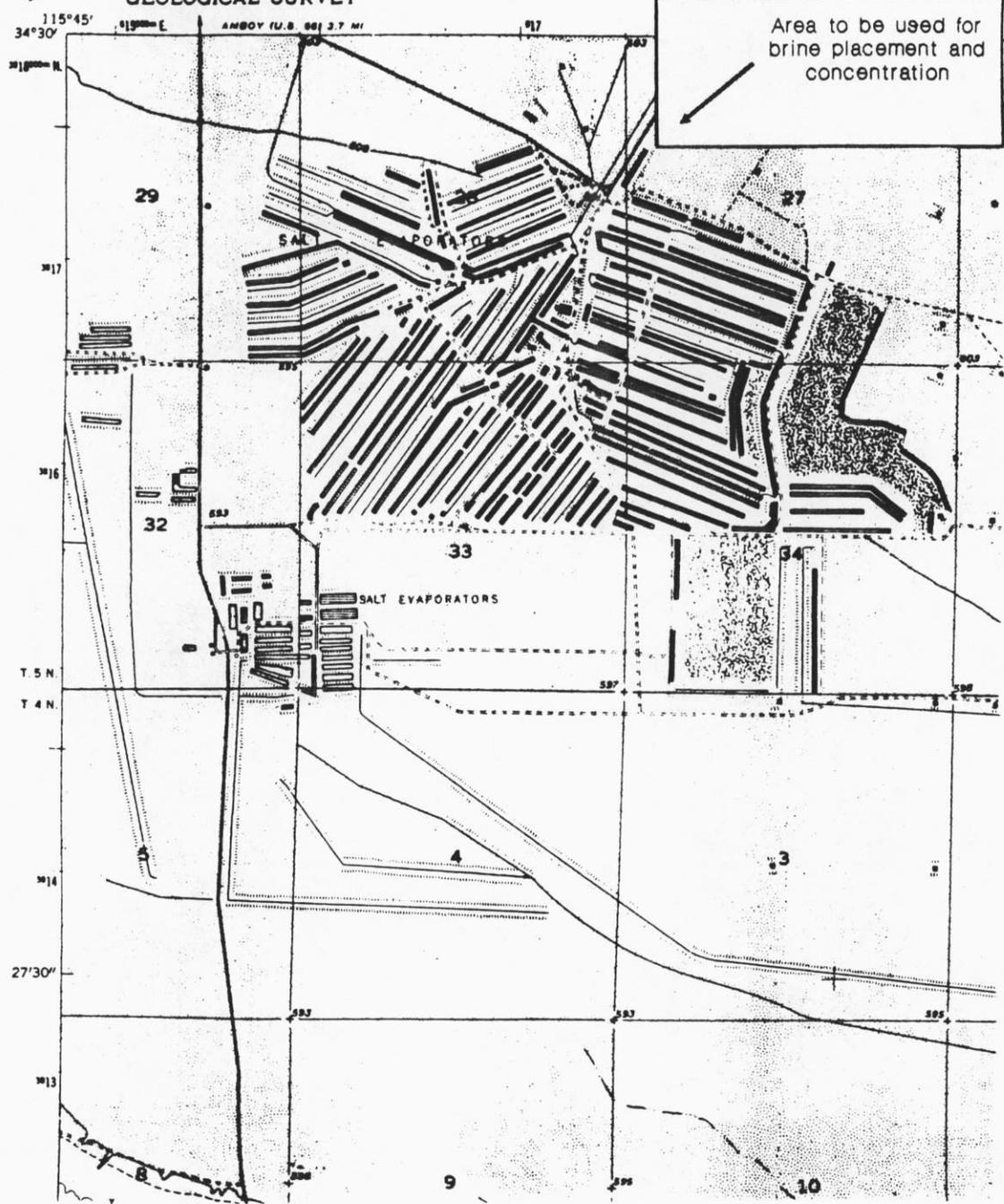
LESLIE SALT

SITE MAP NO. 1

Section 27, Township 5 North, Range 15 East, SBB&M  
Location Map  
Amboy, CA - San Bernardino County

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

115°45'  
34°30'



LESLIE SALT

SITE MAP NO. 2

Section 27, Township 5 North, Range 15 East, SBB&M  
Location Map  
Amboy, CA - San Bernardino County

57