

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 83-110

WASTE DISCHARGE REQUIREMENTS  
FOR  
SOUTHERN CALIFORNIA GAS COMPANY  
SOUTH NEEDLES COMPRESSOR STATION  
South of Needles - San Bernardino County

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

1. Southern California Gas Company (hereinafter also referred to as the discharger), P. O. Box 336 Needles, California 92363, submitted current information dated August 12, 1983, to update existing waste discharge requirements.
2. The discharger is currently discharging from a natural gas compressor station as follows:
  - a. Approximately 30,000 gallons-per-day of wastewater from a cooling tower are discharged to 3.49 acres of basins for final disposal by evaporation. Treatment of blowdown water involves adding phosphate materials for corrosion control and a polymer for control of suspended solids deposition.
  - b. Approximately 22,000 gallons-per-day of wastewater from zeolite-brine softener regenerative cycles are discharged to 3.50 acres of basins for final disposal by evaporation.
  - c. Domestic sewage is disposed through septic tanks to leach lines.
3. The compressor station and disposal basins are located in the SE $\frac{1}{4}$  of Section 18, T7N, R23E, SBB&M (approximately 10 miles south of Needles on Highway 95).
4. The basins are underlain by tightly cemented rock located about 15 feet below the surface.
5. The discharger states that a sprinkler system was installed in the basin area to increase the evaporation rate through aeration.
6. The Water Quality Control Plan for the East Colorado River Basin was adopted April 10, 1975, and this Order implements the objectives stated in the plan.

*Resubmitted  
Ed. Order  
# 92-033  
5/13/92*

7. The beneficial uses of ground waters in the Needles Hydrologic Subunit are:

- a. Municipal supply
- b. Agricultural supply
- c. Industrial supply

However, ground water in the local area is not beneficially used due to its scarcity.

8. This discharge has been subject to waste discharge requirements adopted in Board Order No. 77-26.
9. The Board has notified the discharger and interested persons and agencies of its intent to update waste discharge requirements for this site.
10. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
11. The disposal site constitutes an ongoing project in accordance with the provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et. seq.) and Title 14, California Administrative Code, Article 6.5, Section 15070, because the governmental approvals on or after April 15, 1973 do not involve a greater degree of responsibility or control over such activity than the governmental approvals received prior to that date.

IT IS HEREBY ORDER, the discharger shall comply with the following:

A. Discharge Specifications

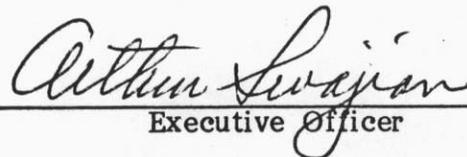
1. The treatment or disposal of wastes shall not cause pollution or a nuisance as defined in Section 13050 (l) and 13050 (m) of the California Water Code.
2. A minimum depth of freeboard of at least two feet shall be maintained in evaporation basins.
3. Toxic substances and chemicals which are deleterious to aquatic life and other wildlife shall not be discharged in the wastewater.
4. Chromates and other heavy metals shall not be discharged in the wastewater.
5. Any proposed corrosion control or biological control treatment(s) utilized in the cooling towers shall be reported to the Board including a listing of any of EPA's 126 priority pollutants contained in said treatment(s).
6. Domestic sewage shall not be combined with the above reported disposal of industrial wastewater.
7. Adequate measures shall be taken to insure that flood or surface drainage waters do not erode or otherwise render the discharge facilities inoperable.

8. There shall be no surface flow of wastewater away from the discharge facilities.
9. Sewage effluent discharged subsurface shall be retained underground with no materials of sewage origin evident on the ground surface.

B. Provisions

1. Prior to any modification in this facility which could result in material change in the quality or quantity of wastewater discharged, or any material change in the location of discharge, the discharger shall report thereon to the Board.
2. The discharger shall comply with "Monitoring and Reporting Program No. 83-110" and future revisions thereto, as specified by the Executive Officer.
3. In the event of any change in operations or in control or ownership of the land and/or waste disposal facilities, the discharge shall:
  - a. Notify this Board of such a change; and
  - b. Notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be filed with this Board.
4. This Order supersedes this Board's Order No. 77-26.

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 November 16, 1983.

  
Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 83-110

FOR

SOUTHERN CALIFORNIA GAS COMPANY  
SOUTH NEEDLES COMPRESSOR STATION  
South of Needles - San Bernardino County

Location of Discharge: SE $\frac{1}{4}$ , Section 18, T7N, R23E, SBB&M

MONITORING

The discharger shall obtain a sample from each evaporation basin and report to the Regional Board concerning the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sampling</u>	<u>Sampling Frequency</u>
Boron (B)	mg/l	Grab	Annually
Chromium (Hexavalent)	mg/l	Grab	Annually
Chromium (Total)	mg/l	Grab	Annually
Calcium (Ca)	mg/l	Grab	Annually
Sulfate (SO <sub>4</sub> )	mg/l	Grab	Annually
Magnesium (Mg)	mg/l	Grab	Annually
Chloride (Cl)	mg/l	Grab	Annually
Potassium (K)	mg/l	Grab	Annually
Fluoride (F)	mg/l	Grab	Annually
Bicarbonate (HCO <sub>3</sub> )	mg/l	Grab	Annually
Sodium (Na)	mg/l	Grab	Annually
Nitrate (NO <sub>3</sub> )	mg/l	Grab	Annually
Total Dissolved Solids	mg/l	Grab	Annually
Total Hardness	mg/l	Grab	Annually
pH	pH units	Grab	Annually
Electrical Conductivity	Micro-mhos/cm	Grab	Annually
<u>Cooling Tower</u>			
Volume of wastewater discharged to basins	Gallons	Total Monthly Discharge	Quarterly
Total surface area of wastewater in basins	Acres		Quarterly
<u>Zeolite - Brine Softener Regenerative Cycles</u>			
Volume of wastewater discharged to basins	Gallons	Monthly Discharge	Quarterly
Total surface area of wastewater in basins	Acres		Quarterly

Annual monitoring reports shall be submitted to the Regional Board by the 15th day of January each year. Quarterly monitoring reports shall be submitted to the Board by the 15th day of January, April, July and October of each year.

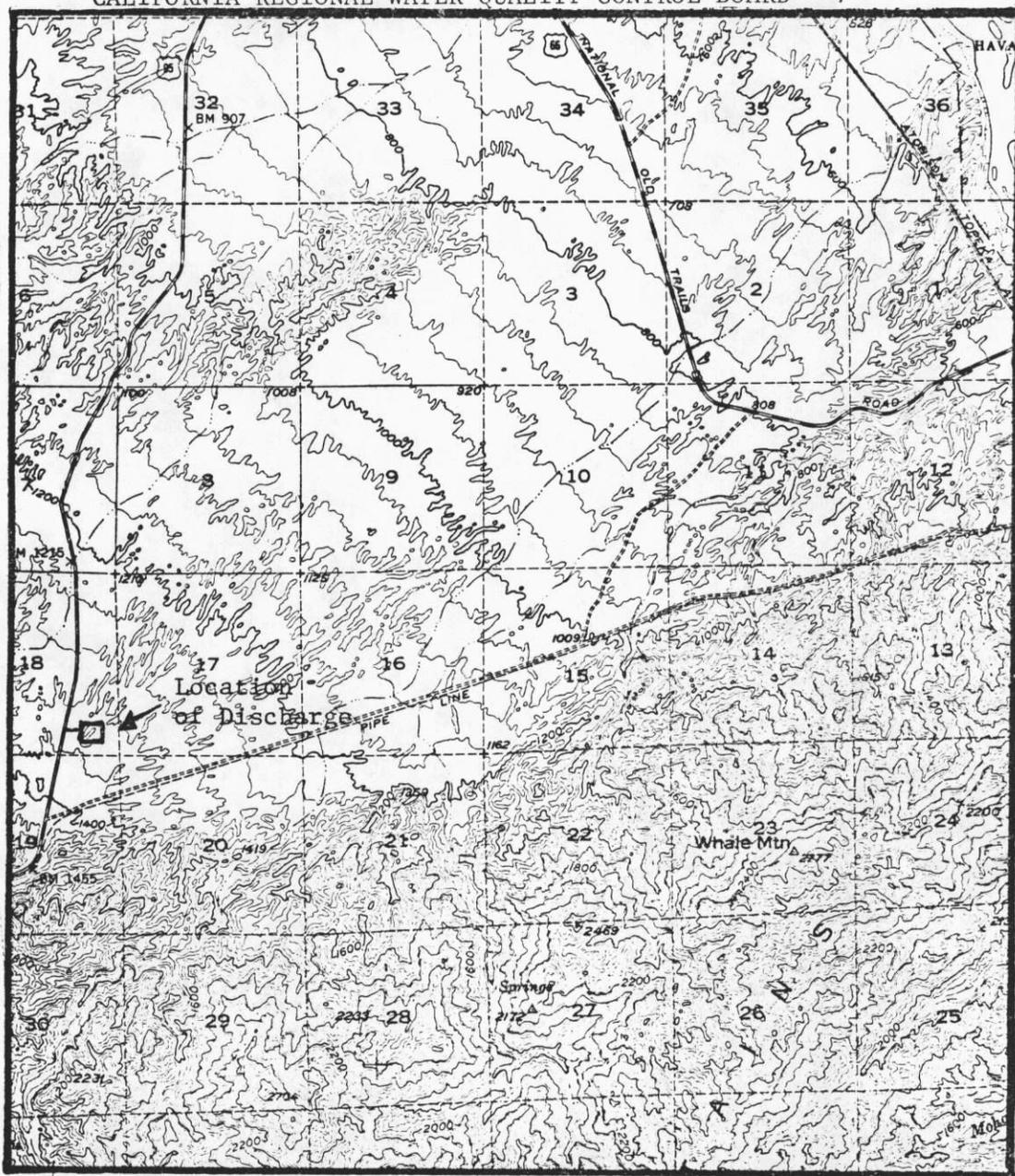
Forward monitoring reports to:

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

ORDERED BY:

*Arthur Sevajin*  
Executive Officer

*December 2, 1983*  
Date



Scale 1"=1mi

SITE MAP  
SOUTHERN CALIFORNIA GAS COMPANY  
SOUTH NEEDLES COMPRESSOR STATION  
South of Needles - San Bernardino County  
SE 1/4 of Section 18, T7N, R23E, SBB&M  
U.S.G.S. Sawtooth Range 15 min. Topographic Map