

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 77-26

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, CA 92363, submitted a report of waste discharge dated November 9, 1976.
2. The discharger is 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 scale prevention; 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 location of the compressor station and the disposal basins is in the SE $\frac{1}{4}$  of Section 18, T7N, R23E, SBB&M. (Approximately 10 miles south of Needles on the east side of Highway 95).
4. The discharger reports that tightly cemented rock exists about 15 feet beneath the basins.
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 on April 10, 1975, and this Order implements the objectives stated in the Plan.

*Superseded*  
*by 83-110*  
*11/16/83*

7. The beneficial uses of the groundwaters of the Needles Hydro Subunit are: Municipal Supply, Industrial Supply and Agricultural Supply. However, groundwater in the local area is not beneficially used due to its scarcity.
8. The discharge has been subject to waste discharge requirements adopted in Resolution No. 68-2.
9. The Board has notified that discharger and interested persons and agencies of its intent to prescribe waste discharge requirements for the proposed discharge.
10. The Board in a public meeting heard and considered all comments pertaining to the discharge.

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

A. Discharge Specifications

1. Neither the treatment nor the discharge of wastewater shall cause a pollution or a nuisance.
2. A minimum depth of freeboard of at least two feet shall be maintained in evaporation basins at all times.
3. There shall be no surface flow of wastewater away from the discharge facilities.
4. Toxic substances and chemicals which are deleterious to aquatic life and other wildlife shall not be discharged in the wastewater.
5. Chromates and other heavy metals shall not be discharged in the wastewater.
6. Adequate measures shall be taken to insure that flood or surface drainage waters do not erode or otherwise render the discharge facilities inoperable.
7. Domestic sewage shall not be combined with the above reported disposal of industrial wastewater.
8. Sewage effluent discharged subsurface shall be retained underground with no materials of sewage origin evident on the ground surface.

B. Provisions

1. The discharger shall notify the Board at least 30 days prior to any modification in this facility which could result in material change in the quality, quantity, or location of this discharge.
2. In the event of any change in the control of the land upon which the discharge facilities are located, the discharger shall notify the succeeding owner in writing of the existence of this Order, and also forward a copy of said communication to the Regional Board.
3. The discharger shall comply with the "Monitoring and Reporting Program 77-26", and future revisions thereto, as specified by the Executive Officer.
4. This Order supersedes Resolution No. 68-2.

I, Arthur Swajian, 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, Colorado River Basin Region on May 18, 1977.

*Arthur Swajian*

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Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 77-26

FOR

SOUTHERN CALIFORNIA GAS COMPANY  
SOUTH NEEDLES COMPRESSOR STATION  
SOUTH OF NEEDLES - SAN BERNARDINO COUNTY

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
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 discharge 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 discharge to basins	Gallons	Total 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:

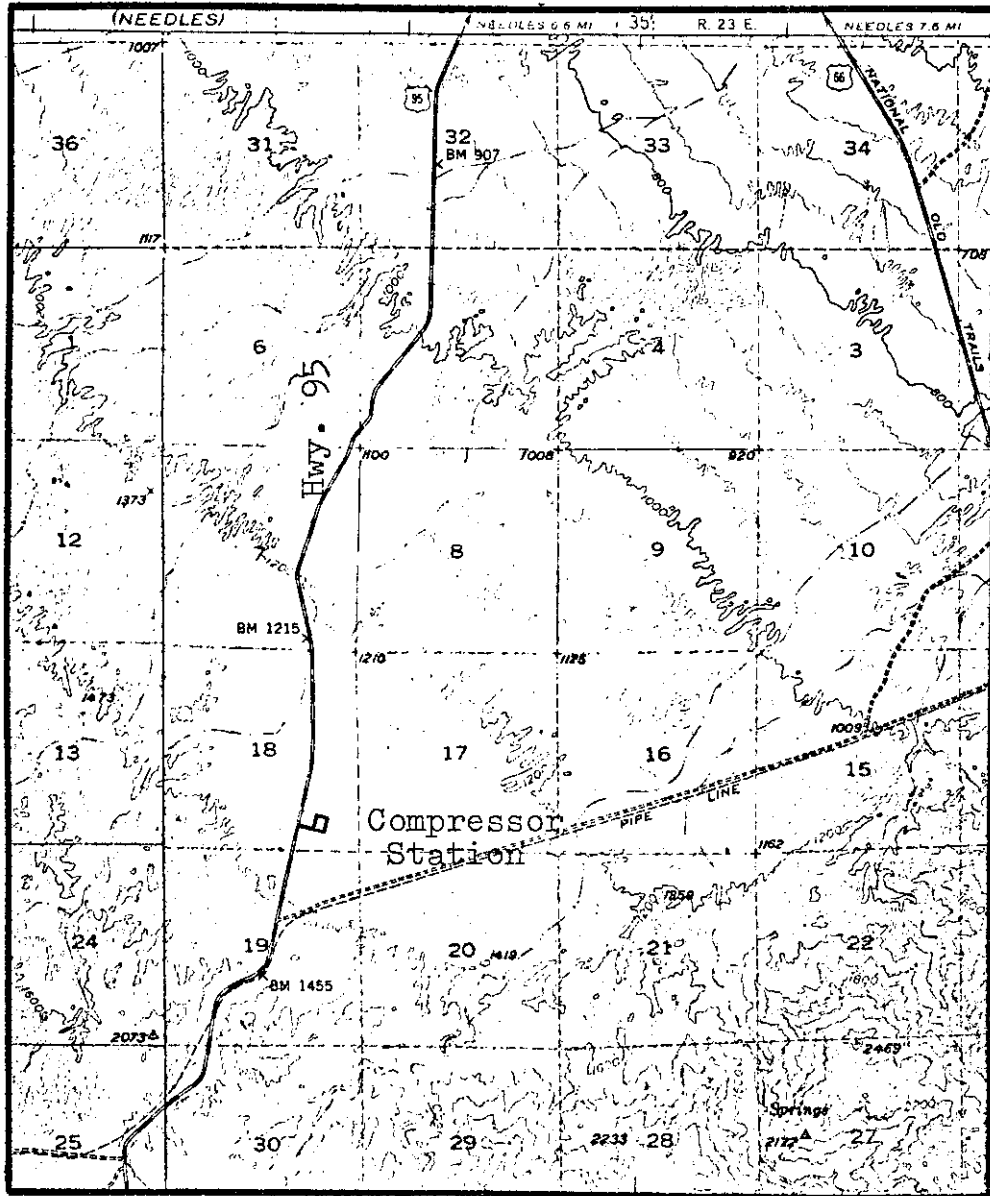
*Arthur Levajian*

Executive Officer

May 18, 1977

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



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

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