

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

ORDER NO. 94-070

**WASTE DISCHARGE REQUIREMENTS
FOR
SOUTHERN CALIFORNIA GAS COMPANY
NORTH NEEDLES COMPRESSOR STATION
EVAPORATIVE COOLERS
Needles - San Bernardino County**

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

1. Southern California Gas Company (hereinafter referred to as the discharger), 17071 Gas Line Road, P.O. Box 1376, Victorville, California 92392, owns and operates a compressor station located north of the City of Needles, San Bernardino County. On January 10, 1994, the discharger submitted a Report of Waste Discharge (ROWD) to update waste discharge requirements for the discharge of water from the North Needles Compressor Station's evaporative coolers.
2. The discharger's existing Board Order is for an average daily discharge of 4,000 gallons-per-day (GPD). The ROWD for the updated Board Order describes the proposed discharge as follows:

Average Dry Weather Discharge	4,800 GPD
Maximum Flow	16,000 GPD
Design Flow	20,000 GPD
Source of Discharge	Evaporative Coolers Only
3. The North Needles Compressor Station is located on River Road, North of the City of Needles in San Bernardino County. The mailing address of the facility is P.O. Box 336, Needles, California 92363-0336.
4. The discharge is from evaporative coolers to an on-site disposal field located in the NW 1/4 of Section 1, T9N, R22E, SBB&M. Disposal of wastewater at the field is via irrigation of trees and shrubs, evaporation and infiltration.
5. The wastewater is composed of discharges from evaporative coolers which are located on the roof of the compressor building. Water cools the incoming air for temperature control in the building. The water makes one pass before being discharged to the field, and is not treated with any chemicals.
6. The facility obtains its water supply from two on-site wells located more than 400 feet from the disposal field. The water from the two wells has a TDS content of about 800 mg/L. Depth-to-ground water at the site is about 85 feet. The wastewater has a TDS of around 900 mg/L.
7. The facility disposes of its sanitary wastewater through a septic tank and leach line system. Sanitary wastewater is not addressed in this Board Order.
8. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan) was adopted on May 15, 1991, and designates the beneficial uses of ground and surface waters in this Region.

9. The beneficial uses of ground waters in the Piute Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
10. The discharge to the disposal field is exempt from the provisions of Chapter 15, Division 3, Title 23 of the California Code of Regulations in accordance with Section 2511 of Chapter 15.
11. This discharge has been subject to waste discharge requirements adopted in Board Order No. 89-024.
12. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for said discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.
13. The Board in a public meeting heard and considered all comments pertaining to this discharge.
14. In accordance with Section 15301, Chapter 3, Title 14 of the California Code of Regulations, the issuance of these waste discharge requirements, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et. seq.).

IT IS HEREBY ORDERED, that Board Order No. 89-024 is rescinded, and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with the following:

A. Effluent Limitations

1. The 30-day average daily dry weather discharge flow shall not exceed .0160 MGD.

B. Specifications

1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050(l) and 13050(m) of Division 7 of the California Water Code.
2. Wastewater discharged to the disposal field shall be confined to the discharger's property with no overflow onto public or other private property or to any drainage channels discharging to the Colorado River.
3. Toxic substances and chemicals which are deleterious to aquatic life and other wildlife shall not be discharged in the wastewater.
4. Any proposed corrosion control or biological control treatment(s) utilized in the discharged cooling water shall be reported to the Board, including a list of any of EPA's 126 priority pollutants contained in said treatment(s).
5. Prior to adding any water treatment chemicals to the evaporative cooling water, the discharger shall obtain a written approval from the Regional Board's Executive Officer.
6. The discharge shall not cause degradation of any water supply.

C. Prohibitions

1. Discharge of wastewater at a location or a manner different from that described in Findings No. 2, 4 and 5, above is prohibited.

D. Provisions

1. The discharger shall comply with "Monitoring and Reporting Program No. 94-070", and future revisions thereto, as specified by the Regional Board's Executive Officer.
2. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board; and obtain revised requirements before any modifications are implemented.
3. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.
4. The discharger shall ensure that all site operating personnel are familiar with the content of this Board Order, and shall maintain a copy of this Board Order at the site.
5. This Board Order does not authorize violation of any federal, state, or local laws or regulations.
6. The discharger must comply with all of the conditions of this Board Order. Any noncompliance with this Board Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.
7. The discharger is the responsible party for the waste discharge requirements, monitoring and reporting program for the facility. The discharger must comply with all conditions of these waste discharge requirements. Violations may result in enforcement actions, including Regional Board Orders or court orders, requiring corrective action or imposing civil monetary liability, or in modification or revocation of these waste discharge requirements by the Regional Board.
8. The discharger shall comply with the following:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order, for a period of at least 5 years from the date of the sample, measurement, report or application. This period may be extended by request of the Regional Board's Executive Officer at any time.
 - c. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements.
 2. The individual(s) who performed the sampling or measurements.
 3. The date(s) analyses were performed.
 4. The individual(s) who performed the analyses.
 5. The results of such analyses.

- d. Monitoring must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this Board Order.
9. The discharger shall furnish, under penalty of perjury, technical monitoring program reports, and such reports shall be submitted in accordance with the specifications prepared by the Regional Board's Executive Officer. Such specifications are subject to periodic revisions as may be warranted.
10. Storm water discharges from the facility shall not cause or threaten to cause pollution, contamination, or nuisance.

I, Philip A. Gruenberg, 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 September 13, 1994.


Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 94-070 (Revision No. 1)
FOR

SOUTHERN CALIFORNIA GAS COMPANY, OWNER/OPERATOR
NORTH NEEDLES COMPRESSOR STATION
EVAPORATIVE COOLERS

Needles - San Bernardino County

Location of Discharge: NW 1/4, Section 1, T9N, R22E, SBB&M

MONITORING

1. The collection, preservation and holding times of all samples shall be in accordance with U. S. Environmental Protection Agency approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.
2. All samples shall be collected at the end of the discharge pipe.
3. If the facility is not in operation, or there is no discharge during a required reporting period, the discharger shall forward a letter to the Regional Board indicating that there has been no activity during the required reporting period.

EFFLUENT MONITORING

1. Wastewater discharged to the disposal field shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Arsenic	mg/L	24 Hour Composite	Quarterly
Barium	mg/L	24 Hour Composite	Quarterly
Mercury	mg/L	24 Hour Composite	Quarterly
Total Dissolved Solids	mg/L	Grab	Quarterly
Sulfates (SO ₄)	mg/L	Grab	Quarterly
Chlorides (Cl)	mg/L	Grab	Quarterly
Fluorides (F)	mg/L	Grab	Quarterly
Sodium (Na)	mg/L	Grab	Quarterly
Hydrogen Ion	pH	Grab	Quarterly
Volume of Wastewater Discharged to Field	Gallons	Average Daily ¹	Daily

¹ Reported quarterly with monthly average daily flow calculated

WATER SUPPLY MONITORING

1. The water should be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Arsenic	mg/L	Grab	Annually
Barium	mg/L	Grab	Annually
Mercury	mg/L	Grab	Annually
Total Dissolved Solids	mg/L	Grab	Annually
Sulfates (SO ₄)	mg/L	Grab	Annually
Chlorides (Cl)	mg/L	Grab	Annually
Fluorides (F)	mg/L	Grab	Annually
Sodium (Na)	mg/L	Grab	Annually
Hydrogen Ion	pH	Grab	Annually

REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurement(s);
 - b. The individual(s) who performed the sampling or measurement(s);
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or method used; and
 - f. The results of such analyses.
3. Each report shall contain the following statement:

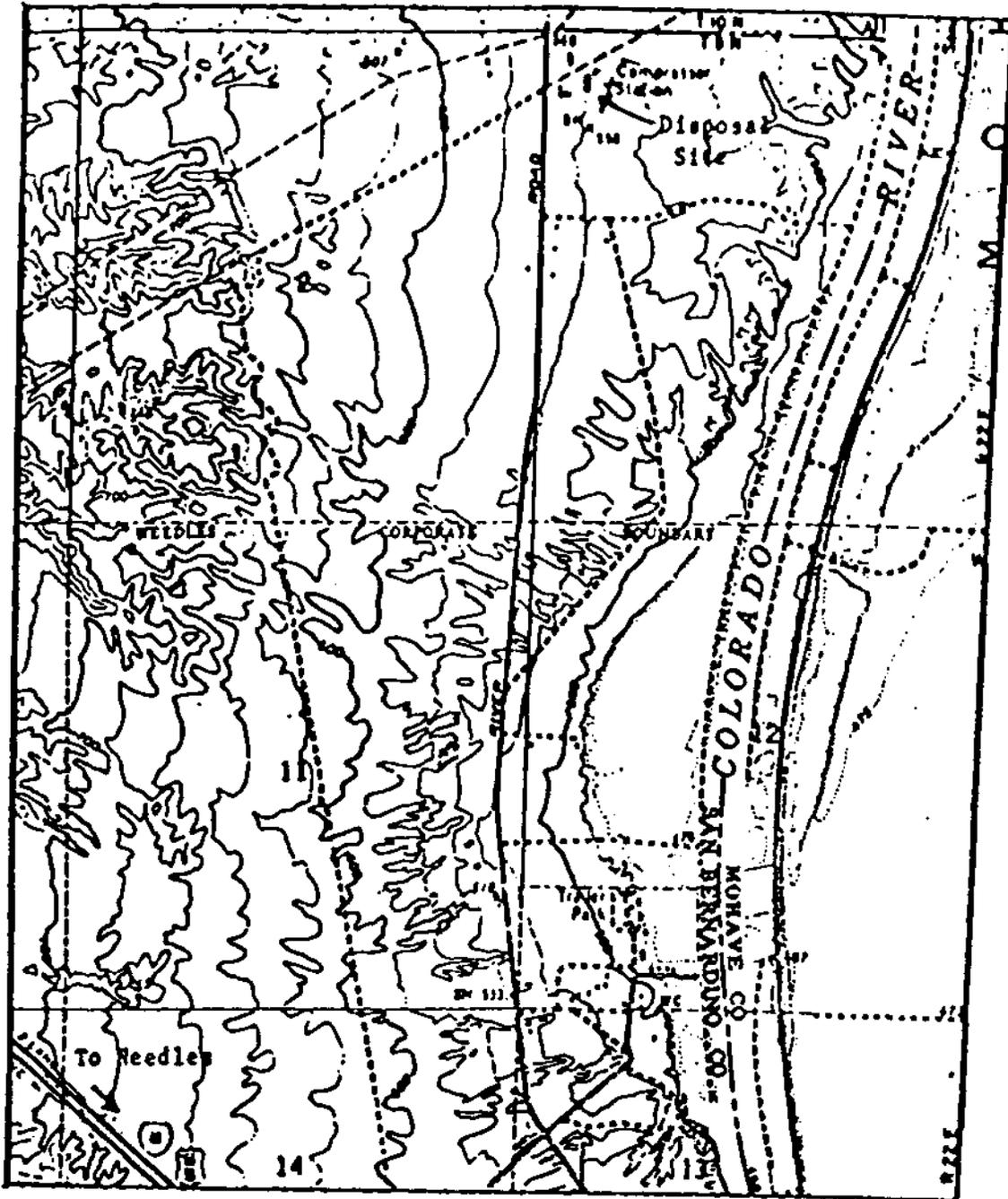
"I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."
4. A duly authorized representative of the discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above;
 - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
 - c. The written authorization is submitted to the Regional Board's Executive Officer.

5. Monitoring reports shall be certified under penalty of perjury to be true and correct, and shall contain the required information at the frequency designated in this monitoring report.
6. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15 and October 15 of each year. Annual monitoring reports shall be submitted to the Regional Board by January 15 of each year.
7. Submit monitoring reports to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring, Suite 100
Palm Desert, CA 92260

Ordered By: Philip A. Greenberg
Executive Officer
5-19-99
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SCALE:
1" = 2,000'

SITE MAP

SOUTHERN CALIFORNIA GAS COMPANY
NORTH NEEDLES COMPRESSOR STATION
EVAPORATIVE COOLERS
Needles - San Bernardino County
NW 1/4, Section 1, T9N, R22E, SBB&M
USGS Needles 15 min. Topographic Map

Board Order No. 94-070