

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 89-017

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF PALM SPRINGS
Riverside County

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

1. City of Palm Springs (hereinafter also referred to as the discharger) P.O. Box 1786, Palm Springs, CA 92263, submitted a report of waste discharge dated December 9, 1988.
2. The discharger proposes to discharge up to 13 mgd of treated wastewater by a trickling filter facility. A portion of the treated wastewater (30 to 50 percent) may be delivered to the Desert Water Agency for tertiary treatment. The remaining portion of the effluent will be discharged to infiltration basins located at treatment plant site as indicated in the attached site map.
3. The Water Quality Control Plan for the Colorado River Basin Region was adopted by the Board on November 14, 1984.
4. The beneficial uses of ground waters in the vicinity of the discharge which are to be protected by this Order are:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply
5. This discharge has been subject to waste discharge requirements adopted in Board Order No. 80-64.
6. The Board has notified the discharger and interested agencies and persons of its intent to adopt waste discharge requirements for the proposed discharge.
7. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
8. These waste discharge requirements govern an existing facility which the discharger is currently operating, and therefore is exempt from the provisions of the California Environmental Quality Act in accordance with Section 15301, Chapter 3, Title 14 of the California Code of Regulations.

*Superseded
by: Bd. Ord. No. 93-076
11/17/93*

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

A. Discharge Specifications

1. Representative samples of wastewater effluent discharged to infiltration basins from treatment facilities shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Units</u>	30-Day Arithmetic Mean Discharge <u>Rate</u>	7-Day Arithmetic Mean Discharge <u>Rate</u>
20°C BOD ₅	mg/l	30	45
Suspended Solids	mg/l	30	45
Settleable Matter	ml/l	0.3	0.5
Minimum Dissolved Oxygen	mg/l	1.0	1.0

2. Infiltrations basins shall be isolated with 4-6 days cycle with scarifying between the uses to mitigate possibility of any odors and to optimize infiltration.
3. The standing water depth in any infiltration basin shall not exceed three feet for any consecutive 12-hour period.
4. Representative samples of wastewater in infiltration basins shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Units</u>	30-Day Arithmetic Mean Discharge <u>Rate</u>	7-Day Arithmetic Mean Discharge <u>Rate</u>
Total Dissolved Solids	mg/l	600 ¹	650
Sulfate (SO ₄)	mg/l	90	100
Chloride (Cl)	mg/l	70	80
Fluoride (F)	mg/l	1.2	1.3

5. Sewage sludge shall not be discharged to any natural or artificial channel.

¹ Or 300 mg/l above the TDS values in water supply, whichever is greater.

6. A freeboard depth of at least two feet shall be maintained in each infiltration basin.
7. The treatment and discharge of wastes shall not cause a pollution or a nuisance as defined in Section 13050 of the California Water Code.
8. Adequate protective works shall be provided to assure that a flood which would be expected to occur on a frequency of once in a 100-year period would not erode or otherwise render portions of the treatment and discharge facilities inoperable, except for infiltration basins.

B. Provisions

1. This Order includes the attached "Monitoring and Reporting Program No. 89-017", and future revisions thereto, as specified by the Executive Officer.
2. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
3. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Chapter 3, Subchapter 14, Title 23, California Code of Regulations.

IT IS FURTHER ORDERED that Board Order No. 80-64 be superseded by this Order.

I, Phil 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 January 25, 1989.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 89-017
 FOR
 CITY OF PALM SPRINGS
 Riverside County

Location of Discharge: SE $\frac{1}{4}$ of Section 19, T4S, R5E, SBB&M

EFFLUENT MONITORING

Wastewater discharged from the treatment facilities shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD ₅	mg/l	24-Hr. Composite	Weekly
Dissolved Oxygen (DO)	mg/l	Grab at Peak Flow	Daily
Suspended Solids	mg/l	24-Hr. Composite	Weekly
Settleable Matter	ml/l	Grab at Peak Flow	Daily
Flow (Total Plant Effluent)	MGD	Flow Measurement	Daily ¹

Wastewater contained in infiltration basins shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/l	Grab	Quarterly
Sulfate (SO ₄)	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Fluoride (F)	mg/l	Grab	Quarterly
Total Nitrogen (N)	mg/l	Grab	Quarterly

¹ Reported for each day with average monthly flow calculated.

SEWAGE SLUDGE

The City of Palm Springs shall report quarterly on the quantity, method and location of sewage sludge discharged, in compliance with all applicable Federal, State, County and City regulations concerning sludge disposal.

REPORTING

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

Daily, Weekly and Monthly data - reported monthly by 15th day of the following month.

The discharger shall implement the above monitoring program within 30 days of the effective date of this Order.

Submit monitoring reports to:

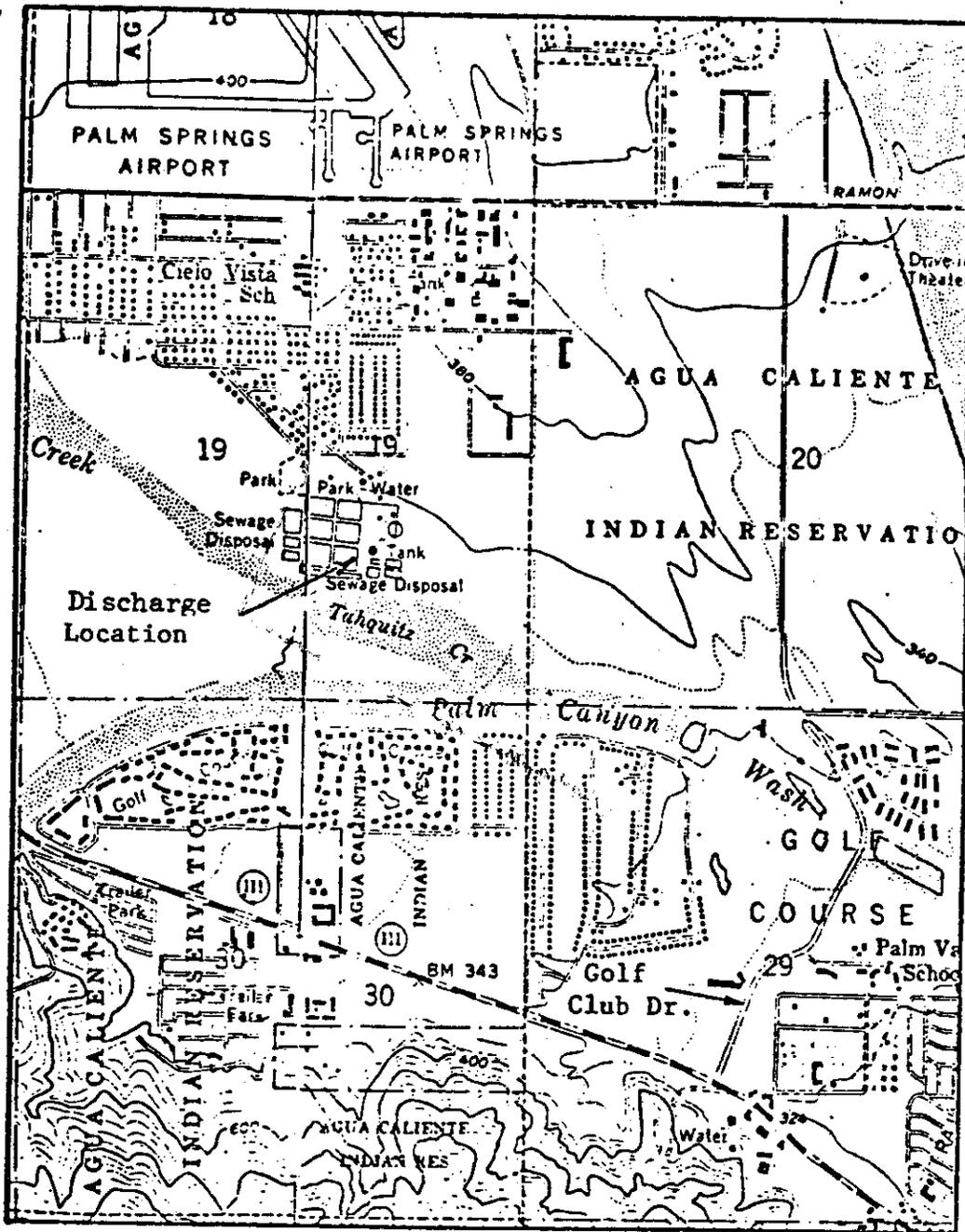
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:

Philip A. Guendling
Executive Officer

January 25, 1989

Date



SITE MAP

CITY OF PALM SPRINGS
Riverside County

Discharge Location: SE 1/4 of Section 19, T4S, R5E, SBB&M
USGS Palm Springs and Cathedral City 7.5 min. Topographic Maps