

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 77-4
NPDES NO. CA0104710

WASTE DISCHARGE REQUIREMENTS
FOR
PALO VERDE IRRIGATION DISTRICT
IRRIGATION ACTIVITIES WITH POINT RETURN FLOWS
Riverside and Imperial Counties

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

1. Palo Verde Irrigation District (hereinafter also referred to as the discharger), P. O. Box 1199, Blythe, CA 92225, submitted an NPDES Application for Permit to Discharge dated October 14, 1976. Said application is assigned Application No. CA0104710.
2. The discharger reports that:
 - a. Irrigation return flows are discharged through Olive Lake Drain and Palo Verde Outfall Drain to the Colorado River.
 - b. All irrigation is done by surface method, and the total number of acres irrigated is estimated to be 88,900.
 - c. The estimated volume of irrigation return flow to Colorado River is 450,000 acre-feet/year.
3. The Water Quality Control Plan for the East Colorado River Basin (7B) was adopted by the Regional Board on April 10, 1975. This Order implements the objectives stated in said Plan.
4. The beneficial uses of water in Palo Verde Valley Drains are:
 - a. Non-water contact recreation
 - b. Freshwater habitat for fish, wildlife, and waterfowl.
5. The beneficial uses of water in Colorado River are:
 - a. Municipal supply
 - b. Agricultural supply
 - c. Industrial supply
 - d. Water contact recreation
 - e. Non-water contact recreation
 - f. Freshwater habitat for fish, wildlife and waterfowl
 - g. Hydroelectric power generation
 - h. Wildlife habitat
 - i. Groundwater recharge

Expired 2-28-79

6. The discharge has been subject to requirements in Order 75-9, (NPDES No. CA0104710).
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
8. The Board in a public meeting heard and considered all comments pertaining to the discharge.
9. This Order shall serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from date of adoption of this Order provided the Regional Administrator has no objections.

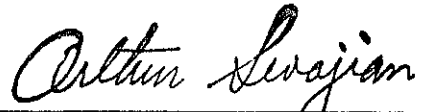
IT IS HEREBY ORDERED, Palo Verde Irrigation District, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Provisions

1. The locations of sampling stations for monitoring are as follows:
 - a. Palo Verde Outfall Drain near Highway 78 Bridge located near SE Corner of Section 26, T9S, R21E, SBB&M.
 - b. Olive Lake Drain near confluence with Colorado River.
2. This Order includes the attached "Monitoring and Reporting Program No. 77-4" and future revisions thereto, as specified by the Executive Officer.
3. This Order includes Items No. 1 and 5 of the attached "Reporting Requirements".
4. This Order includes Items No. 1, 4, 8, and 9 of the attached "Standard Provisions".
5. This Order includes the attached "General Monitoring and Reporting Provisions".

6. This Order expires February 28, 1979. The discharger must file a report of waste discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code, not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.
7. This Order supersedes Order No. 75-9, (NPDES No. CA0104710).

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 January 26, 1977.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 77-4
FOR
PALO VERDE IRRIGATION DISTRICT
IRRIGATION ACTIVITIES WITH POINT RETURN FLOWS
Riverside and Imperial Counties

IRRIGATION RETURN FLOW MONITORING

Irrigation return waters shall be monitored at the locations described in Provision A.1 for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Electrical Conductivity	Micromhos/cm	Grab	Monthly
Total Dissolved Solids	mg/l	Grab	Quarterly
Suspended Solids	mg/l	Grab	Monthly
Flow	Acre-feet	Estimate	Estimated Monthly

IRRIGATION SUPPLY MONITORING

Irrigation supply water contained in Colorado River shall be monitored at Palo Verde Diversion Dam for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Electrical Conductivity	Micromhos/cm	Grab	Monthly
Total Dissolved Solids	mg/l	Grab	Quarterly
Suspended Solids	mg/l	Grab	Monthly

REPORTING

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

Forward monitoring reports to:

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

A copy of the Discharge Monitoring Report shall also be sent to:

Regional Administrator
Environmental Protection Agency
Region IX - Attn: 65/MR
100 California Street
San Francisco, CA 94111

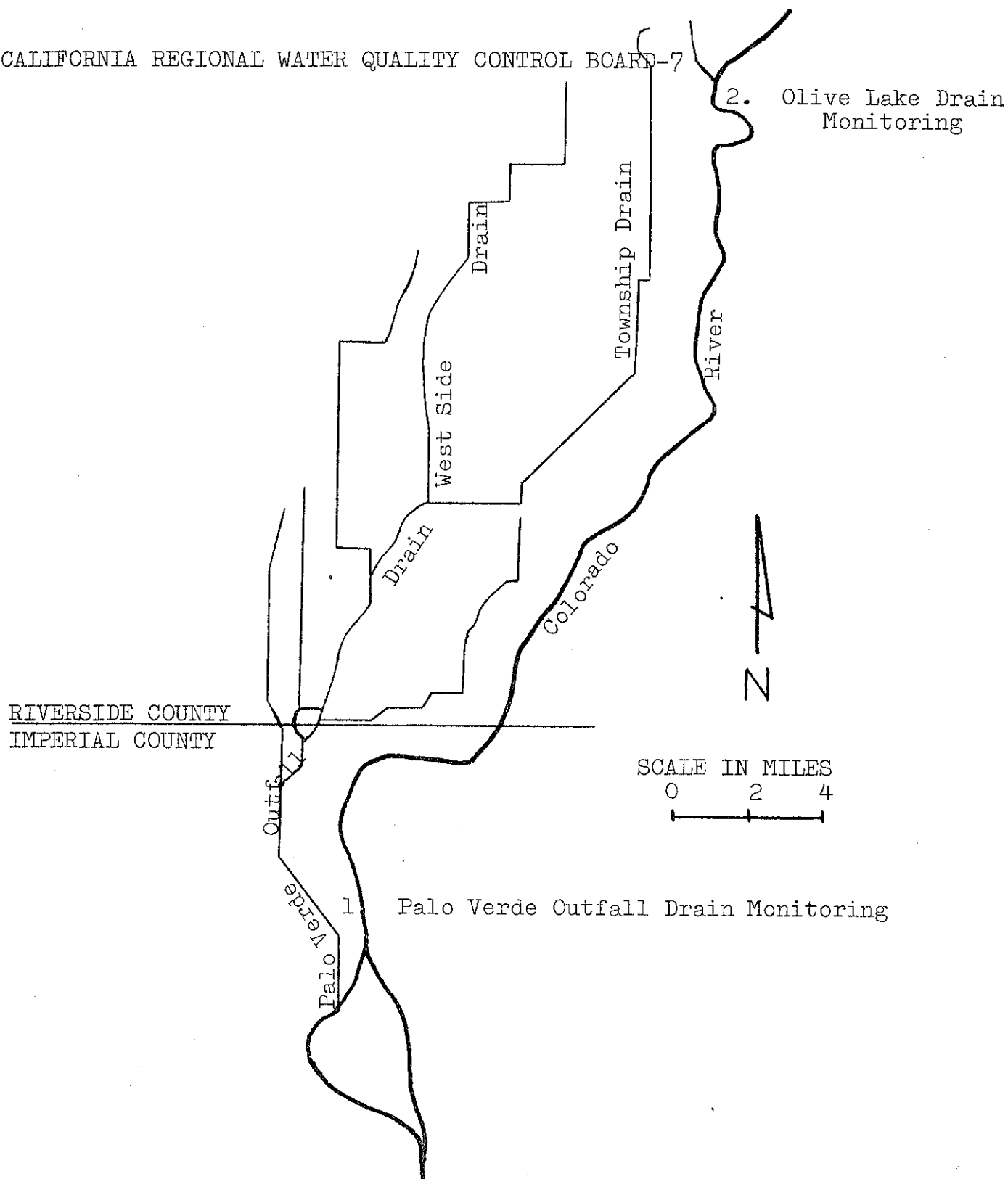
Ordered by

Arthur Levajian

Executive Officer

January 26, 1977
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD-7



SITE MAP

PALO VERDE IRRIGATION DISTRICT
IRRIGATION ACTIVITIES WITH POINT RETURN FLOWS
Riverside and Imperial Counties