

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

ORDER NO. 71-25

WASTE DISCHARGE REQUIREMENTS
FOR
TRI VALLEY GROWERS, PLANT NO. 4

The State Water Resources Control Board finds:

1. Tri Valley Growers discharge, during canning season, approximately 2.5 mgd of process wastewater into ground-water. About 1.0 mgd of cooling water is discharged into an evaporation pond. Intermittently the ponded cooling water is discharged into Bear Creek. An unspecified quantity of domestic wastewater is discharged into a leach field for land disposal.
2. The wastewater discharge is subject to waste discharge requirements adopted by the California Regional Water Quality Control Board, Central Valley Region, in Resolution No. 69-97.
3. The State Board adopted a Water Quality Control Policy for the Sacramento-San Joaquin Delta on June 14, 1967.
4. The beneficial uses of the underlying groundwaters are:
 - a. Agricultural water supply
 - b. Industrial water supply
 - c. Domestic water supply
5. The beneficial uses of Bear Creek are:
 - a. Agricultural water supply
 - b. Livestock watering
 - c. Warmwater fishing
 - d. Esthetic enjoyment
 - e. Preservation and enhancement of fish and wildlife
6. The existing degree of treatment may be sufficient to permit compliance with the discharge specifications contained in this order.
7. The State Board has notified the discharger and interested persons of its intent to revise waste discharge requirements and has given them the opportunity to comment on the proposed order.

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6. The existing degree of treatment may be sufficient to permit compliance with the discharge specifications contained in this order.
7. The State Board has notified the discharger and interested persons of its intent to revise waste discharge requirements and has given them the opportunity to comment on the proposed order.

8. The State Board in a public meeting heard and considered comments pertaining to the discharge.

IT IS HEREBY ORDERED, Tri Valley Growers shall comply with the following:

A. Discharge Specifications

1. The undiluted discharge to surface waters shall not contain constituents in excess of the following limits:

<u>Constituents</u>	<u>Units</u>	<u>Median</u>	<u>Maximum</u>
Settleable Matter	ml/l	0.5	1.0
5-day 20°C BOD	mg/l	15	30

2. The mean daily flow shall not exceed 3.5 mgd for the latest 30-day period.
3. The discharge shall not have a pH less than 6.5 nor greater than 8.5.
4. Survival of test fishes in 96-hour bioassays of the undiluted discharge:

Any determination	70% minimum
Median of any three or more determinations	90% minimum
5. The discharge shall not cause a surface water temperature rise greater than 4° F above the ambient temperature of Bear Creek at any time.
6. The discharge shall not cause floating materials in Bear Creek.
7. The discharge shall not cause discoloration at any point in Bear Creek.
8. The discharge shall not cause a pollution of ground or surface waters nor cause the receiving waters to fall below the objectives of the water quality control plan for the region.
9. Neither the treatment nor the discharge shall cause a nuisance.

B. Provisions

1. Tri Valley Growers shall comply with discharge specifications forthwith.
2. Resolution No. 69-97 is hereby rescinded.
3. The discharger shall comply with the Monitoring and Reporting Program No. 71-25 as specified by the Executive Officer of the State Board, and hereafter administered by the Executive Officer of the Regional Board.
4. Compliance with median values will be established by analysis of representative sampling results over the most recent 30-day period.

Adopted as the order of the State Water Resources Control Board at a meeting duly called and held at Sacramento, California.

Dated: August 5, 1971

KERRY W. MULLIGAN
Kerry W. Mulligan, Chairman

E. F. DIBBLE
E. F. Dibble, Vice Chairman

NORMAN B. HUME
Norman B. Hume, Member

RONALD B. ROBIE
Ronald B. Robie, Member

ABSENT
W. W. Adams, Member

STATE WATER RESOURCES CONTROL BOARD
 MONITORING AND REPORTING PROGRAM NO. 71-25
 FOR
 TRI VALLEY GROWERS, PLANT 4

EFFLUENT MONITORING

Effluent samples shall be collected downstream from the last connection through which wastes can be admitted into the outfall. Composite samples may be taken by a proportional sampling device approved by the executive officer or by grab samples composited in proportion to the flow. In compositing grab samples, the sampling interval shall not exceed one hour. The following shall constitute the effluent monitoring program:

LAND DISPOSAL

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Daily flow from holding facilities	Gallons/day	---	Daily

SURFACE WATER DISCHARGE

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Settleable matter	ml/l	Grab	Daily
pH	pH Units	8-hour composite	Daily
Maximum flow	mgd	--	Daily
Mean flow	mgd	--	Daily
Toxicity	% Survival	8-hour composite	Weekly
5-day 20°C BOD	mg/l	Grab	Weekly

RECEIVING WATER MONITORING

All receiving water samples shall be grab samples. Receiving water samples shall be taken from the following stations during surface water discharge:

<u>Station</u>	<u>Description</u>
R-1	Upstream from discharge at intersection of Eight Mile Road and Bear Creek
R-2	Downstream from discharge at intersection of West Lane and Bear Creek

Constituent

Units

Station

Frequency

Temperature
Temperature

°F
°F

R-1
R-2

Daily
Daily

PROVISIONS FOR SAMPLING AND ANALYSIS

Unless otherwise noted, all sampling, sample preservation, and analyses shall be conducted in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" or approved by the executive officer of the regional board.

Bioassays shall be conducted in accordance with the provisions of "Standard Methods." Percent survival in undiluted effluent shall be determined using *Gasterosteus* (sticklebacks) as the test organism.

All analyses shall be performed in a laboratory certified to perform such analyses by the California State Department of Public Health or a laboratory approved by the executive officer of the regional board.

All samples shall be representative of the waste discharge under the conditions of peak load.

PROVISIONS FOR REPORTING

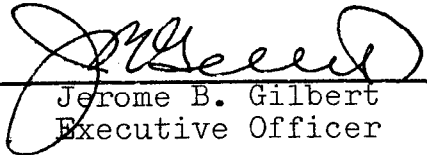
Monthly monitoring reports shall be submitted to the regional board by the 15th day of the following month.

In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly the compliance with waste discharge requirements.

For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

By January 30 of each year, the discharger shall submit an annual report to the regional board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

Ordered by _____


Jerome B. Gilbert
Executive Officer

August 5, 1971

(Date)