

IT IS HEREBY ORDERED Libbey-Owens-Ford Glass Company shall comply with the following:

A. Discharge Specifications

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

| <u>Constituents</u> | <u>Units</u> | <u>Median</u> | <u>Maximum</u> |
|-------------------------------------|--------------|---------------|----------------|
| 5-day 20°C BOD | mg/l | 30 | 60 |
| Settleable solids | ml/l | 0.5 | 1.0 |
| Suspended solids | mg/l | 30 | 60 |
| Methylene Blue Active Substances | mg/l | - | 1.0 |

2. The mean daily flow into the San Joaquin River shall not exceed 4.0 mgd for the latest 30-day period.
3. The discharge shall not have a pH of less than 6.5 nor greater than 8.5.
4. Survival of test fishes in 96-hour bioassays of the undiluted wastes:

| | |
|--|-------------|
| 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 the San Joaquin River at any time.
6. The discharge shall not cause discoloration of the San Joaquin River.
7. The discharge shall not cause floating material at any point in the San Joaquin River.
8. The domestic discharge shall not contain a median coliform concentration in excess of 23 MPN/100 ml nor a maximum coliform concentration in excess of 230 MPN/100ml.
9. The discharge shall not cause a pollution nor cause the receiving waters to fall below the objectives for the region.
10. Neither the treatment nor the discharge shall cause a nuisance.

B. Provisions

1. The Libby-Owens-Ford Glass Company shall comply with the discharge specifications in this order forthwith.
2. Compliance with median values will be established by analysis of representative sampling results over the most recent 30-day period.
3. Resolutions No. 39-134 and 61-142 of the regional board are rescinded.
4. The discharger shall comply with the Monitoring and Reporting Program No. 71-24 as specified by the Executive Officer of the State Board and hereafter administered by the Executive Officer of the regional board.

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. 71-24
 FOR
 LIBBEY-OWENS-FORD GLASS COMPANY, LATHROP PLANT

EFFLUENT MONITORING

Effluent samples shall be collected downstream from the last connection through which wastes can be admitted into the outfall. Domestic waste samples for coliform analysis can be taken at any point in the waste treatment system. 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:

| <u>Constituents</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> |
|---------------------|--------------|-----------------------|---------------------------|
| 5-day 20°C BOD | mg/l | Grab | Weekly |
| Settleable matter | ml/l | Grab | Daily |
| Suspended matter | mg/l | Grab | Daily |
| pH | pH Units | Grab | Daily |
| Toxicity | % Survival | 24-hour composite | Weekly |
| Temperature | °F | Grab | Daily |
| Maximum flow | mgd | -- | Daily |
| Mean flow | mgd | -- | Daily |
| MBAS | mg/l | Grab | Weekly |
| Coliform organisms | MPN/100 ml | Grab | Weekly |

RECEIVING WATER MONITORING

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

| <u>Station</u> | <u>Description</u> |
|----------------|-------------------------------------|
| R-1 | 100 yards upstream from discharge |
| R-2 | 200 yards downstream from discharge |

| <u>Constituents</u> | <u>Units</u> | <u>Station</u> | <u>Frequency</u> |
|---------------------|--------------|----------------|------------------|
| Temperature | °F | R-1 | Daily |
| Temperature | °F | R-2 | 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

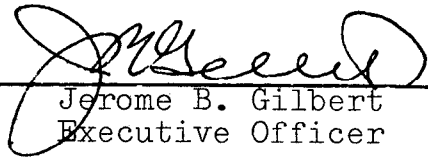
Monthly monitoring reports shall be submitted to the regional board by the 15th day of the following month.

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)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

ORDER NO. 71-24

WASTE DISCHARGE REQUIREMENTS
FOR
LIBBEY-OWENS-FORD GLASS COMPANY, LATHROP PLANT

The State Water Resources Control Board finds::

1. Libbey-Owens-Ford Glass Company discharges an average of 3 mgd of mixed process wastewater and cooling water and 0.01 mgd of domestic wastewater into the San Joaquin River at a point approximately 200 feet downstream from the Mossdale Bridge. During the irrigation season approximately 1.3 mgd of the wastewater is utilized for irrigation.
2. The discharges are subject to waste discharge requirements adopted by the California Regional Water Quality Control Board, Central Valley Region, Industrial Waste Discharge Requirements in Resolution No. 59-134, June 18, 1959, and adopted Domestic Waste Discharge Requirements in Resolution No. 61-142, December 14, 1961.
3. The State Water Resources Control Board adopted a Water Quality Control Policy for the Sacramento-San Joaquin Delta on June 14, 1967.
4. The beneficial uses of the Sacramento-San Joaquin Delta are:
 - a. Agricultural water supply
 - b. Industrial water supply
 - c. Domestic water supply
 - d. Navigation
 - e. Recreation
 - f. Aesthetic enjoyment
 - g. Preservation and enhancement of fish and wildlife
5. The existing degree of treatment may permit compliance with the discharge specifications contained in this order.
6. The State Board has notified the discharger and interested persons of its intent to revise the waste discharge requirements and has given the opportunity for comment on the proposed order.
7. The State Board in a public meeting heard and considered comments pertaining to the discharge.