

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

STANDARD PROVISIONS AND REPORTING REQUIREMENTS FOR
WASTE DISCHARGE REQUIREMENTS

1 September 1985

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A. General Provisions:

1. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under federal, state, or local laws.
2. The discharger shall permit the Regional Board (hereafter Board):
 - a. Entry upon premises in which an effluent source is located or in which any required records are kept;
 - b. Access to copy any records required to be kept under terms and conditions of this Order;
 - c. Inspection of monitoring equipment to be kept under terms and conditions of this Order;
 - d. Sampling of any discharge.
3. If the discharger's wastewater treatment plant is publicly owned, it shall be supervised and operated by persons possessing certificates of appropriate grade according to Chapter 3, Subchapter 14, Title 23, California Administrative Code.
4. The discharger shall maintain in good Working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.
5. The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstance, and the remainder of this Order shall not be affected thereby.
6. After notice and opportunity for a hearing, this Order, may be terminated or modified for cause, including but not limited to:
 - a. Violation of any term or condition contained in this Order;
 - b. Obtaining this Order by misrepresentation, or failure to disclose fully all relevant facts;
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;

- d. A material change in the character, location, or volume of discharge.
7. Safeguard to electric power failure:
 - a. The discharger shall, within ninety (90) days of the effective date of this Order, submit to the Board a description of the existing safeguards provided to assure that, should there be reduction, loss, or failure of electric power, the discharger shall comply with the terms and conditions of this Order. Such safeguards may include alternate power sources, standby generators, retention capacity, operating procedures or other means. A description of the safeguards provided shall include an analysis of the frequency, duration, and impact of power failures experienced over the past five years on effluent Quality and on the capability of the discharger to comply with the terms and conditions of the Order. The adequacy of the safeguards is subject to the approval of the board.
 - b. Should the treatment works not include safeguards against reduction, loss, or failure of electric power, or should the Board not approve the existing safeguards, the discharger shall, within ninety (90) days of having been advised by the Board that the existing safeguards are inadequate, provide to the Board a schedule of compliance for Providing safeguards such that in the event of reduction, loss, or failure of electric power, the discharger shall comply with the terms and conditions of this order. The schedule of compliance shall, upon approval of the Board, become a condition of this Order.
8. Any diversion from or by-pass of facilities necessary to maintain compliance with the terms and conditions of this Order is prohibited, except:
 - a. where unavoidable to prevent loss of life or severe property damage,
or
 - b. Where excessive storm drainage or runoff would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this Order. The discharger shall promptly notify the Board in writing of each such diversion or by-pass.
9. Except for data determined to be confidential, all reports prepared in accordance with terms of this Order shall be available for public inspection at the offices of the Regional Water Quality Control Board. Effluent data shall not be considered confidential. Knowingly making any false statements on any such report may result in the imposition of criminal penalties as provided for in Section 13268(b) of the California Water Code.
10. The discharger shall take all reasonable steps to minimize any adverse impact to waters of the state resulting from noncompliance with any effluent limitations specified in this Order, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.
11. The discharge of any radiological, chemical, or biological warfare agent or high level radiological waste is prohibitel.

B. General Reporting Requirements:

1. The discharger shall submit to the Board, on or before each compliance report date, a report detailing his compliance or noncompliance with the specific schedule date and task.

If noncompliance is being reported, the reasons for such noncompliance shall be stated, plus an estimate of the date when the discharger will be in compliance. The discharger shall notify the Board by letter when he has returned to compliance with the time schedule.

2. In the event the discharger does not comply or will be unable to comply with any prohibition, daily maximum effluent limitation, or receiving water limitation of this Order for any reason, the discharger shall notify the Board by telephone (559) 445-5116 [*Note: Current phone numbers for all three Regional Board offices may be found on the internet at http://www.swrcb.ca.gov/rwqcb5/contact_us.*] as soon as he or his agents have knowledge of such noncompliance, and shall confirm this notification in writing within two weeks. The written notification shall state the nature, time and cause of noncompliance, and shall describe the measures being taken to prevent recurrences.
3. The discharger, upon written request of the Board, shall file with the Board within ninety (90) days after the effective date of this Order, a technical report on its preventive (failsafe) and contingency (cleanup) plans for controlling accidental discharges, and for minimizing the effect of such events. This report may be combined with that required under A.7.

This technical report should:

- a. Identify the possible sources of accidental loss, untreated waste by-pass, and contaminated drainage. Loading and storage areas, power outage, waste treatment unit outage, and failure of process equipment, tanks and pipes should be considered.
- b. Evaluate the effectiveness of present facilities and procedures and state when they become operational.

Describe facilities and procedures needed for effective preventive and contingency plans.

- c. Predict the effectiveness of the proposed facilities and procedures and provide an implementation schedule containing interim and final dates when they will be constructed, implemented, or operational. (Reference: Sections 13267(b) and 13268, California Water Code.)

This Board, after review of the technical report, may establish conditions which it deems necessary to control accidental discharge and to minimize the effects of such events. Such conditions may be incorporated as part of this Order, upon notice to the discharger.

4. The discharger shall file with the Board a Report on waste discharge at least 120 days before making any material change in the character, location or volume of the discharge.
5. A discharger whose waste flow has been increasing, or is projected to increase, shall estimate when flows will reach hydraulic and treatment capacities of its treatment and disposal facilities. The projections shall be made in January, based on the last three years' average dry

weather flows, peak wet weather flows and total annual flows, as appropriate. When any projection shows that capacity of any part of the facilities may be exceeded in four years, the discharger shall notify the Board by 31 January.

C. Provisions for Monitoring:

1. All analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants," promulgated by EPA or other procedures approved by the Board.

Chemicals bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. In the event a certified laboratory is not available to the discharger, analyses performed by a noncertified laboratory will be accepted provided:

- a. A Quality Assurance/Quality Control program is instituted by the laboratory. A manual containing the steps followed in this program must be kept in the laboratory and shall be available for inspection by staff of the Board. The Quality Assurance/Quality Control program must conform to EPA guidelines or procedures approved by the Board.
- b. The laboratory will become certified within the shortest practicable time if the State certification program is resumed.

Unless otherwise specified, all metals shall be reported as Total Metals.

2. The laboratory which performs the sample analyses must be identified in all monitoring reports submitted to the Board.
3. The discharger shall maintain records of all sampling and analytical results, including strip charts; the date, exact place and time of sampling; the analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Board.
4. Effluent samples shall be taken downstream of the last addition of wastes to the treatment or discharge works where a representative sample may be obtained prior to mixing with the receiving waters. Samples shall be collected at such a point and in such a manner to ensure a representative sample of the discharge.
5. All monitoring instruments and devices used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary, at least yearly, to ensure their continued accuracy.

D. Reporting Requirements for Monitoring:

1. The discharger shall file with the Board technical reports on self Monitoring work performed according to the detailed specifications contained in any Monitoring and Reporting Program as directed by the Board.
2. Monitoring reports shall be submitted on forms to be supplied by the Board to the extent that the information reported may be entered on the forms. Alternate forms may be approved for use by the Board.

The results of all monitoring required by this Order shall be reported to the Board, and shall be submitted in such a format as to allow direct comparison with the limitations and requirements of this Order. Unless otherwise specified, discharge flows shall be reported in terms of the 30-day average and the daily maximum discharge flows.

3. The results of any analysis of samples, performed in accordance with specified test procedures, taken more frequently than required at the locations specified in the Monitoring and Reporting Program, shall be reported to the Board.
4. For every item of monitoring data 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 shall submit a timetable for such corrective actions. The discharger shall submit such information, in writing, within two weeks of becoming aware of noncompliance.
5. Upon written request of the Board, the discharger shall submit a report to the Board by 31 January of each year. 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.
6. All reports shall be signed by:
 - a. In the case of corporations, by a principal executive officer at least of the level of vice president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates;
 - b. In the case of partnership, by a general partner;
 - c. In the case of a sole proprietorship, by the proprietor;
 - d. In the case of a municipal, state, or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
7. The discharger shall mail a copy of each monitoring report and any other reports required by this Order to:

California Regional Water Quality Control Board
Central Valley Region
3374 East Shields Avenue, Rm. 18

E. Definitions:

1. The daily discharge rate is obtained from the following calculation for any calendar day:

$$\text{Daily discharge rate (lbs/day)} = \frac{8.35}{N} \sum_i^N Q_i * C_i$$

$$\text{Daily discharge rate (kg/day)} = \frac{3.78}{N} \sum_i^N Q_i * C_i$$

In which N is the number of samples analyzed in any calendar day. Q_i and C_i , are the flow rate (MGD) and the constituent concentration (mg/l), respectively, which are associated with each of the N grab samples which may be liked in any calendar day. If a composite sample is taken, C_i , is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

2. The "30-day, or 7-day average" discharge is the total discharge by weight during a 30, or 7 consecutive calendar day period, respectively, divided by the number of days in the period that the facility was discharging. where less than daily sampling is required by this permit, the 30-day, or 7-day average discharge shall be determined by the summation of all the measured discharges by weight divided by the number of days during the 30, or 7 consecutive calendar day period when the measurements were made.

For other than 7-day or 30-day periods, compliance shall be based upon the average of all measurements made during the specified period. If fewer than four measurements are made during the period, compliance shall be based upon the last four consecutive samples.

3. The "30-day, or 7-day average" concentration, is the arithmetic mean of measurements made during a 30, or 7 consecutive calendar day Period, respectively.
4. The "daily maximum" discharge means the total discharge by weight during any calendar year.
5. The "daily maximum" concentration is defined as the measurement made on any single discrete sample or composite sample.
6. A "grab" sample is defined by any individual sample collected in less than 15 minutes.
7. Unless otherwise specified, a composite sample is a combination of individual samples collected over the specified sampling period;
 - a. At equal time intervals, with a maximum interval of one hour
 - b. at varying time intervals (average interval one hour or less) so that each sample represents an equal portion of the cumulative flow.

The duration of the sampling period shall be specified in the Monitoring and Reporting Program. The method of compositing shall be reported with the results.

F. Wastewater Pretreatment Requirements:

(Applies to publicly owned treatment works (POTW) whose aggregate design waste flow from one or more plants is 5 million gallons/day or more. Also applies to other dischargers if so stated in the waste discharge requirements.)

The annual report shall be submitted 31 January and include, but not be limited to, the following items:

1. A summary of analytical results from representative, flow-proportioned, 24-hour composite sampling of the POTW's influent for those pollutants EPA has identified under Section 307(a) of the Act which are known or suspected to be discharged by industrial users.

The discharger is not required to sample and analyze for asbestos until EPA promulgates an applicable analytical technique under 40 CFR Part 136. Sludge shall be sampled during the same 24-hour period and analyzed for the same pollutants as the influent and effluent sampling and analysis. The sludge analyzed shall be a composite sample of a minimum of 12 discrete samples taken at equal time intervals over the 24-hour period. Wastewater and sludge sampling and analysis shall be performed at least annually. The discharger shall also provide any influent, effluent or sludge monitoring data for nonpriority pollutants which may be causing or contributing to Interference, Pass Through or adversely impacting sludge quality. Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto.

2. A discussion of upset, Interference, or Pass Through incidents, if any, at the POTW treatment plant which the discharger knows or suspects were caused by industrial users of the POTW system. The discussion shall include the reasons why the incidents occurred, the corrective actions taken and, if known, the name and address of the industrial user(s) responsible. The discussion shall also include a review of the applicable pollutant limitations to determine whether any additional limitations, or changes to existing requirements, may be necessary to prevent Pass Through, Interference, or noncompliance with sludge disposal requirements.
3. The cumulative number of industrial user that the discharger has notified regarding Baseline Monitoring Reports and the cumulative number of industrial user responses.
4. An updated list of the discharger's industrial users including their names and addresses, or a list of deletions and additions keyed to a previously submitted list. The discharger shall provide a brief explanation for each deletion. The list shall identify the industrial users subject to federal categorical standards by specifying which set(s) of standards are applicable. The list shall indicate which categorical industries, or specific pollutants from each industry, are subject to local limitations that are more stringent than the federal categorical standards. The discharger shall also list the noncategorical industrial users that are subject only to local discharge limitations. The discharger shall characterize the compliance status through the year of record of each industrial user by employing the following descriptions:
 - a. Complied with baseline monitoring report requirements (where applicable);

- b. Consistently achieved compliance;
- c. Inconsistently achieved compliance;
- d. Significantly violated applicable pretreatment requirements as defined by 40 CFR 403.8(f)(2)(vii);
- e. Complied with schedule to achieve compliance (include the date final compliance is required);
- f. Did not achieve compliance and not on a compliance schedule;
- g. Compliance Status unknown.

A report describing the compliance status of any industrial user characterized by the descriptions in items 4(c) through (g) above shall be submitted quarterly from the Annual report date to EPA and the Board. The report shall identify the specific compliance status of each soon industrial user. This quarterly reporting requirement shall commence upon issuance of this Order.

- 5. A summary of the inspection and sampling activities conducted by the discharger during the past year to gather information and data regarding the industrial users. The summary shall include but not be limited to a tabulation of categories of dischargers that were inspected and sampled; how many and how often; and incidents of noncompliance detected.
- 6. A summary of the compliance and enforcement activities during the past year. The summary shall include the names and addresses of the industrial users affected by the following actions:
 - a. Warning letters or notices of violation regarding the industrial users' apparent noncompliance with federal categorical standards or local discharge limitations. For each industrial user identify whether the apparent violation concerned the federal categorical standards or local discharge limitations;
 - b. Administrative Orders regarding the industrial users' noncompliance with federal categorical standards or local discharge limitations. For each industrial user identify whether the violation concerned the federal categorical standards or local discharge limitations;
 - c. Civil actions regarding the industrial users' noncompliance with federal categorical standards or local discharge limitations. For each industrial user identify whether the violation concerned the federal categorical standards or local discharge limitations;
 - d. Criminal actions regarding the industrial users' noncompliance with federal categorical standards or local discharge limitations. For each industrial user identify whether the violation concerned the federal categorical standards or local discharge limitations.
 - e. Assessment of monetary penalties. For each industrial user identify the amount of the penalties;
 - f. Restriction of flow to the POTW; or

- g. Disconnection from discharge to the POTW.
7. A description of any significant changes in operating the pretreatment program which differ from the information in the discharger's approved POTW Pretreatment Program including, but not limited to, changes concerning: the program's administrative structure; local industrial discharge limitations; monitoring program or monitoring frequencies; legal authority or enforcement policy; funding mechanisms; resource requirements; or staffing levels.
 8. A summary of the annual pretreatment budget, including the cost of pretreatment program functions and equipment purchases.
 9. A summary of public participation activities to involve and inform the public.
 10. A description of any changes in sludge disposal methods and a discussion of any concerns not described elsewhere in the report.

Duplicate signed copies of these reports shall be submitted to the Board and the

Regional Administrator
U.S. Environmental Protection Agency W-3 W-5
~~215 Fremont Street~~ 75 Hawthorne Street
San Francisco, CA 94105.