

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 77-35  
NPDES NO. CA0104868

WASTE DISCHARGE REQUIREMENTS  
FOR  
CENTINELA CATTLE COMPANY, INC.  
Northeast of Calexico - Imperial County

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

1. Centinela Cattle Company, Inc. (hereinafter also referred to as the discharger), 780 Anderholt Road, Calexico, California 92231, by application dated August 17, 1976, has applied for waste discharge requirements and a permit to discharge wastewater under the National Pollutant Discharge Elimination System.
2. The discharger reports that:
  - a. A maximum of 10,000 gallons-per-day of watering trough flow-through wastewater from a concentrated cattle feeding operation is discharged to Ash Drain. The point of discharge is near the Southwest corner of this feedyard, which is in the NW $\frac{1}{4}$  of Section 2, T17S, R15E, SBB&M. From the discharge pipe, the wastewater is conveyed via said drain to Alamo River.
  - b. Approximately 3,000 cattle have been in open confinement at this 40-acre facility at any one time during the past year. The feedyard has been designed for a capacity of 10,000.
  - c. No wastewaters, other than that described in (a) above, are discharged to open drainage channels or to agricultural drainage systems.
  - d. Dead animals and manure are hauled away by a commercial rendering service.
  - e. Refuse and rubbish from the feedlot operations are hauled to an approved solid waste disposal site.

*Expired  
5/18/82*

3. The Water Quality Control Plan for the West Colorado River Basin 7A was adopted by the Board on April 10, 1975, and this Order implements the objectives stated in said Plan.
4. The beneficial uses of the water in the Alamo River and Imperial Valley Drains discharging thereto are:
  - a. Transport of dissolved solids to the Salton Sea for soil salinity control in Imperial Valley.
  - b. Limited public fishing activity.
  - c. Freshwater habitat for fish and wildlife.
  - d. Freshwater replenishment for the Salton Sea.
5. The U. S. Soil Conservation Service, El Centro, reports that a storm survey of the property was recently conducted. It was determined that construction of a one-foot high berm around the perimeter of the feedyard would be sufficient to contain a 10-year, 24-hour storm.
6. Effluent limitation, and national standards of performance, established pursuant to Sections 208(b), 301, 302, 303(d), 304, 306 of the Federal Water Pollution Control Act and amendments thereto, are applicable to the discharge.
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.

IT IS THEREBY ORDERED, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, and to the provisions of the Federal Water Pollution Control Act as amended, and regulations and guidelines adopted thereunder, that the discharger shall comply with the following:

#### A. Effluent Limitations

1. Representative samples of wastewater discharged to Ash Drain shall not contain constituents in excess of the following limits:

<u>Constituents</u>	<u>Unit</u>	<u>Average Discharge Rate</u>	<u>Daily Maximum Discharge Rate</u>
20°C BOD <sub>5</sub>	lbs/day mg/l	1.67 20	2.50 30
Suspended Solids	lbs/day mg/l	1.67 20	2.50 30
Settleable Matter	ml/l	0.5	1.0

2. Compliance with the average values set forth in Effluent Limitations A.1. (above) will be established by averaging the results of the last three samples collected.
3. The pH of the discharge shall not exceed 9.0 or be less than 6.0.
4. The average daily flow per operating day shall not exceed 10,000 gallons.

#### B. Receiving Water Limitations

1. Wastewater discharged to Ash Drain shall not:
  - a. Depress the dissolved oxygen content of said Drain below 5.0 mg/l.
  - b. Cause excessive foam at point of discharge or downstream thereof.
  - c. Cause presence of oil, grease, scum, sludge, or solids.
  - d. Cause presence of heavy metals or associated chemicals or pesticides toxic to fish and other aquatic life.
2. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder.

### C. Discharge Prohibitions and Specifications

1. Neither the treatment nor the discharge of wastes shall cause a pollution or nuisance.
2. Surface drainage from animal confinement facilities and manure storage areas which would occur during a 10-year, 24-hour storm is prohibited from entering open drainage channels, tile lines or canals.
3. Settleable matter resulting from trough cleaning shall not be discharged to open drainage channels, tile lines or canals.
4. There shall be no discharge of wastewaters other than watering trough overflow to Ash Drain, and there shall be no discharge of any wastewaters to any other open drainage channels, tile lines or canals.
5. Animals in confinement shall be prevented from making contact with surface waters other than those contained in the watering trough.
6. Manure piles shall not be located nearer than 100 feet laterally from any open drainage channel, canal, lateral, or drainage course as measured horizontally from the interior top edge of the nearest bank.
7. Dead animals and animal parts which are not carried away by a rendering works or similar commercial service shall be disposed only at locations acceptable to the Regional Board and allowable by local authority, and shall not cause a public health hazard.
8. Refuse, rubbish and other solid wastes shall be discharged only at a solid waste disposal site approved by the Regional Board to receive these wastes.

### D. Provisions

1. The discharger shall comply with the limitations set forth in this Order by July 1, 1977.
2. The integrity of the boundary berm shall be maintained to prevent runoff from the feedlot in the event of a 10-year, 24-hour storm.
3. The discharger shall comply with the attached "Monitoring and Reporting Program No. 77-35", and future revisions thereto, as specified by the Executive Officer.

4. The discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements".
5. This Order expires five (5) years from date of adoption thereof, and the discharger shall file a Report of Waste Discharge in accordance with Title 23, Subchapter 9 of the California Administrative Code not later than 180 days in advance of such expiration date as an application for issuance of new waste discharge requirements.
6. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, and file a copy of said letter with this Board.
7. Prior to any material enlargement of these facilities or change in location, the feedlot operator shall report thereon to the Board.

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 become effective 10 days after date of its adoption provided the Regional Administrator, Environmental Protection Agency, has no objection. If the Regional Administrator objects to its issuance, the permit shall not become effective until such objection is withdrawn.

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 May 18, 1977.



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Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 77-35 (REVISED)  
FOR

CENTINELA CATTLE COMPANY, INC.  
Northeast of Calexico - Imperial County

Location of Discharge: Ash Drain in the NW 1/4, Section 2,  
T17S, R15E, SBB&M

MONITORING

Upon request from this Board's Executive Officer, the discharger shall furnish technical and/or monitoring reports on the treatment and discharge of waste.

Ordered by

Arthur Sevajian  
Executive Officer

Dec 17, 1979  
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 77-35  
FOR  
CENTINELA CATTLE COMPANY, INC.  
Northeast of Calexico - Imperial County

Location of Discharge: Ash Drain in the NW $\frac{1}{4}$ , Section 2, T17S,  
R15E, SBB&M.

EFFLUENT MONITORING

Wastewater discharged to Ash Drain shall be monitored for the following constituents. All samples shall be taken between 6 a.m. and 6 p.m. A sampling station shall be established at the point of discharge to obtain representative samples.

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD <sub>5</sub>	mg/l	Grab	Semiannually
Suspended Solids	mg/l	Grab	Semiannually
Settleable Matter	ml/l	Grab	Semiannually
Flow	Gallons/Day	Average Daily	Reported Semiannually
pH	pH Units	Grab	Semiannually

If during any semiannual period the wastewater discharged does not contain visible settleable matter, a semiannual statement, signed by the owner and/or operator, specifically so stating and including the average daily flow rate, will be accepted for the particular semiannual period in lieu of sample monitoring as described above.

REPORTING

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

Semiannual monitoring reports shall be submitted by July 15 and January 15 of each year.

Forward monitoring reports to:

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

and also to:

Regional Administrator  
Environmental Protection Agency  
Region 9, E-5-1  
100 California Street  
San Francisco, CA 94111

ORDERED BY:

*Arthur Levajian*

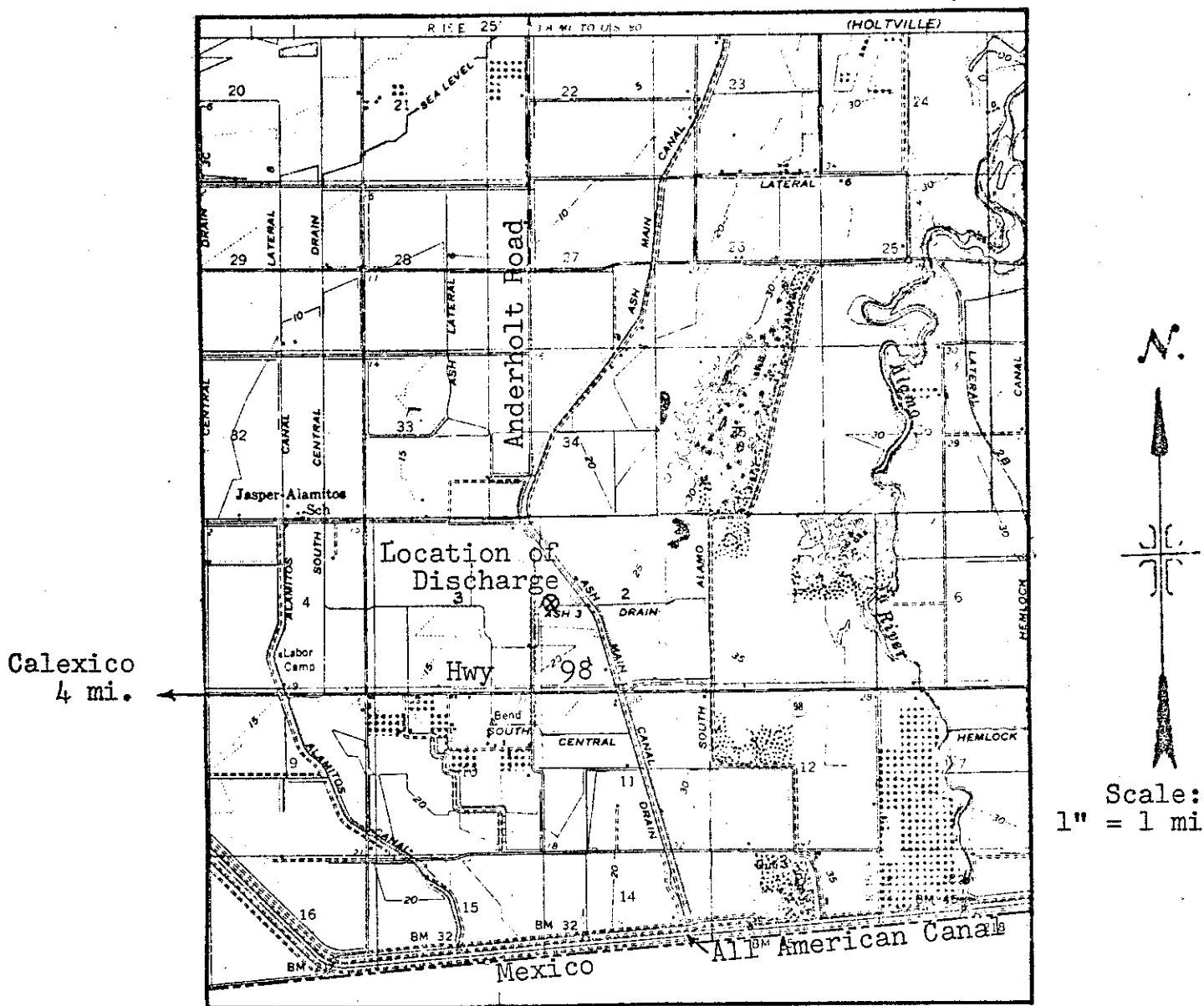
Executive Officer

May 18, 1977

Date



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

CENTINELA CATTLE COMPANY, INC.  
 Northeast of Calexico - Imperial County  
 NW $\frac{1}{4}$  of Section 2, T17S, R15E, SBB&M  
 U.S.G.S. Calexico 15 min. Topographic Map

Order No. 77-35

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

May 18, 1977

DATE

STANDARD PROVISIONS AND REPORTING REQUIREMENTS  
FOR  
CENTINELA CATTLE COMPANY, INC.

A. General Provisions:

1. Neither the treatment nor the discharge of wastes shall create a nuisance or pollution as defined in the California Water Code.
2. 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, nor guarantee the discharger a capacity right in the receiving waters.
3. The discharger shall permit the Regional Board and the Environmental Protection Agency:
  - (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 or records; and
  - (d) Sampling of any discharge.
4. All discharges authorized by this Order shall be consistent with the terms and conditions of this Order. The discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by this Order shall constitute a violation of the terms and conditions of this Order.
5. 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.
6. Collected screening, sludges, and other solids removed from liquid wastes shall be disposed of in the manner approved by the Executive Officer of the Regional Board.

7. 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.
8. If a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307 (a) of the Federal Water Pollution Control Act, or amendments thereto, for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this Order, the Board will revise or modify this Order in accordance with such toxic effluent standard or prohibition and so notify the discharger.
9. If more stringent applicable water quality standards are approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this order in accordance with such more stringent standards.
10. 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 circumstances, and the remainder of this Order shall not be affected thereby.
11. Any diversion from or bypass 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 and the Regional Administrator of EPA in writing of each such diversion or bypass.

12. Except for data determined to be confidential under Section 308 of the Federal Water Pollution Control Act, 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, and the Regional Administrator of EPA. As required by the Federal Water Pollution Control Act, 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 309 of the Act.
13. The discharger shall take all reasonable steps to minimize any adverse impact to receiving waters resulting from non-compliance with any effluent limitations specified in this Order, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.
14. The discharge of any radiological, chemical, or biological warfare agent or high level radiological waste is prohibited.

B. Provisions for Monitoring

1. Water quality analysis shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.

Chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health. In the event a certified laboratory is not available to the discharger, analyses performed by a noncertified laboratory will be accepted until June 22, 1977, provided that the laboratory has applied for certification.

2. The laboratory which performs the sample analyses must be identified in all monitoring reports submitted to the Regional Board Executive Officer and the Regional Administrator (EPA).
3. Effluent samples shall be taken downstream of the last addition of waste to the treatment or discharge works where a representative sample may be obtained prior to mixing with the receiving waters.

4. All monitoring instruments and devices used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.

C. 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 Executive Officer by telephone (714-346-7491) 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. This Board requires the discharger to file with the Board, within ninety (90) days after the effective date of this Order, a technical report on his preventive (failsafe) and contingency (cleanup) plans for controlling accidental discharges, and for minimizing the effect of such events. The technical report should:

- a. Identify the possible sources of accidental loss, untreated waste bypass, 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 became 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 discharges and to minimize the effects of such events. Such conditions may be incorporated as part of this Order, upon notice to the discharger.

4. 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. 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.
5. The discharger shall file with the Board a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.
6. The results of any analysis of samples taken more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported to the Board.

D. Reporting Requirements for Monitoring:

1. 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.
2. By January 30 of each year, the discharger shall submit an annual report to the 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.

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. Monitoring results shall be submitted on forms provided by the Board.
4. 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 Executive Officer.
5. 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 a 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.
6. The discharger shall mail a copy of each monitoring report on the appropriate form to be supplied by the Board and any other reports required by this Order to:
  - a. California Regional Water Quality Control Board  
Colorado River Basin Region  
73-271 Highway 111, Suite 21  
Palm Desert, CA 92260
  - b. A copy of such monitoring report for those discharges designated as a major discharge shall be mailed to:  
  
Regional Administrator  
Environmental Protection Agency  
Region IX, E-5-1  
100 California Street  
San Francisco, CA 94111

F. Definitions:

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

$$\text{Daily discharge rate (lbs/day)} = \frac{8.34}{N} \sum_{i=1}^N Q_i C_i$$
$$\text{Daily discharge rate (kg/day)} = \frac{3.78}{N} \sum_{i=1}^N Q_i C_i$$

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 taken 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 "daily maximum" discharge means the total discharge by weight during any calendar day.
3. A "grab" sample is defined as any individual sample collected in less than 15 minutes.
4. An "industry" is defined as any facility identified in the Standard Industrial Classification Manual, 1972, Office of Management and Budget, as amended and supplemented, under the following divisions:
  - a. Division A- Agriculture, Forestry, and Fishing;
  - b. Division B - Mining;
  - c. Division D - Manufacturing;
  - d. Division I - Services.

A facility in the Divisions listed may be excluded if it is determined by the Board that it introduces primarily domestic wastes or wastes from sanitary conveniences.

5. "Prohibited wastes" is any of the following wastes, which shall not be introduced into the wastewater:
  - a. Wastes which create a fire or explosion hazard;
  - b. Solid or viscous wastes in amounts which would cause obstruction to flow.

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