

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

ORDER NO. 85-170

WASTE DISCHARGE REQUIREMENTS  
FOR  
TIPTON COMMUNITY SERVICES DISTRICT  
WASTEWATER TREATMENT FACILITY  
TULARE COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter Board) finds that:

1. The Board, on 24 January 1975, adopted Order No. 75-009 which prescribed requirements for a discharge of domestic wastes from a wastewater treatment facility operated by Tipton Community Services District (hereafter Discharger). The facility is in the NE 1/4 of Section 36, T21S, R24E, MDB&M.
2. Waste discharge requirements established by Order No. 75-009 are being updated to be consistent with current plans and policies of the Board.
3. Existing treatment facilities consist of a clarigester and a trickling filter with an estimated design capacity of 0.48 mgd (21 l/sec).
4. Effluent waters from the trickling filter flow into two one-acre (0.4 ha) evaporation/percolation ponds. Pond effluent is used to flood irrigate 40 acres (16 ha) of land owned and controlled by the Discharger.
5. The current wastewater flow at the facility is approximately 320,000 gallons per day (14 l/sec).
6. The beneficial uses of the ground water are municipal, industrial, and agricultural supply.
7. The Board, on 25 July 1975, adopted a Water Quality Control Plan for the Tulare Lake Basin (5D) which contains water quality objectives. These requirements are consistent with that Plan.
8. The action to update waste discharge requirements for this existing facility is exempt from the provisions of the California Environmental Quality Act, in accordance with Section 15301, Title 14, California Administrative Code.
9. The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge.
10. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

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IT IS HEREBY ORDERED that Order No. 75-009 be rescinded and Tipton Community Services District, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Discharge Prohibitions:

1. The direct discharge of wastes to surface waters or surface water drainage courses is prohibited.
2. The by-pass or overflow of untreated or partially treated waste is prohibited.
3. Milking animals are prohibited on the pasture area used for waste disposal.
4. Public access to the disposal area shall be prohibited.

B. Discharge Specifications:

1. Neither the treatment nor the discharge shall cause a pollution or nuisance as defined by the California Water Code, Section 13050.
2. The discharge shall not cause degradation of any water supply.
3. The discharge shall remain within the designated disposal area at all times.
4. The ~~30~~ day average daily dry weather discharge flow shall not exceed ~~0.4~~ million gallons (18 l/sec).
5. The discharge from the oxidation pond shall not contain constituents in excess of the following limits:

<u>Constituents</u>	<u>Units</u>	<u>30-Day Average</u>	<u>Maximum</u>
BOD <sub>5</sub> <sup>1/</sup>	mg/l	40	80
Settleable Solids	ml/l		0.5

1/ Five-day, 20° Celsius biochemical oxygen demand.

6. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of in a manner approved by the Executive Officer.

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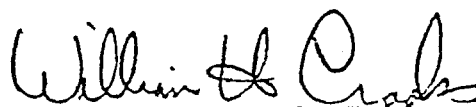
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7. Reclaimed wastewater shall meet the criteria contained in Title 22, Division 4, California Administrative Code (Section 60301, et seq.).
8. The dissolved oxygen content of holding ponds shall not be less than 1.0 mg/l ~~for 16 hours in any 24-hour period.~~

C. Provisions:

1. The Discharger may be required to submit technical or monitoring reports as directed by the Executive Officer.
2. The Discharger shall comply with the attached Monitoring and Reporting Program No. 85-170.
3. A copy of these waste discharge requirements shall be maintained at the treatment facility and be available at all times to plant operating personnel.
4. The Discharger shall comply with the Standard Provisions and Reporting Requirements, dated 1 October 1983, which are a part of this Order.
5. The Discharger shall report promptly to the Board any material change or proposed change in the character, locations, or volume of the discharge.
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, a copy of which shall be forwarded to this office.
7. The Board will review this Order periodically and may revise requirements when necessary.

I, WILLIAM H. CROOKS, 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, Central Valley Region, on 28 June 1985.



WILLIAM H. CROOKS, Executive Officer

MM:bro:4/8/85

Attachments

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. 85-170

FOR  
TIPTON COMMUNITY SERVICES DISTRICT  
WASTEWATER TREATMENT FACILITY  
TULARE COUNTY

EFFLUENT MONITORING

Effluent samples shall be collected from the discharge pipe from the oxidation pond to the pasture, except as otherwise noted. The following shall constitute the effluent monitoring program.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
BOD <sub>5</sub> <sup>1/</sup>	mg/l	Grab	Quarterly <i>4Q/80</i>
Settleable Solids	ml/l	Grab	Weekly <i>0.5</i>
Dissolved Oxygen <sup>2/</sup>	mg/l	Grab	Weekly $\geq 1.0$

<sup>1/</sup> Five-day, 20° Celsius biochemical oxygen demand.

<sup>2/</sup> To be collected from the pond near the outlet between the hours of 0800 and 0900.

REPORTING

Quarterly monitoring reports shall be submitted to the Board by the 15th day of the month following the calendar quarter. 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.

Ordered by

*William H. Crooks*

WILLIAM H. CROOKS, Executive Officer

28 June 1985

(Date)

MM:bro

4/8/85

## INFORMATION SHEET

TIPTON COMMUNITY SERVICES DISTRICT  
WASTEWATER TREATMENT FACILITY  
TULARE COUNTY

Tipton Community Services District operates a sewage treatment and disposal system in the NE 1/4 of Section 36, T21S, R24E, MDB&M, approximately 1/4 mile (0.4 km) west of the City of Tipton. The present service population is approximately 1,500 with industrial connections limited to employee restrooms.

Treatment facilities consist of a clarigester and gravity feed trickling filter. Disposal is accomplished by two evaporation/percolation ponds; pond effluent is used to flood irrigate 40 acres (16 ha) of land owned and controlled by the City.

Local soils are alluvial fan deposits composed of poorly sorted silts, sands, and gravels, with occasional clay lenses. Due to the loose nature of the material, permeability is generally high.

Ground water occurs at a depth of approximately 60 feet (18 m) and is of excellent quality with a specific conductance of 300 micromhos. This water is unconfined and moves in a southwesterly direction.

Average annual rainfall is approximately 8 inches (20 cm) and the average annual evaporation is approximately 80 inches (200 cm). During the 1968-69 flood season, which is considered equivalent to a 100-year flood, no rain flooding occurred in the vicinity of the treatment plant.

This is an existing facility and the action to update waste discharge requirements for this facility is exempt from the provisions of the California Environmental Quality Act, in accordance with Section 15301, Title 14, California Administrative Code.

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4/8/85

