

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER NO. 85-252

WASTE DISCHARGE REQUIREMENTS
FOR
RIVERDALE PUBLIC UTILITIES DISTRICT
FRESNO COUNTY

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

1. Riverdale Public Utilities District (hereafter Discharger) submitted a Report of Waste Discharge, dated 30 December 1983.
2. The Board, on 27 April 1979, adopted Order No. 79-101 which prescribed requirements for a discharge from a trickling filter to percolation/evaporation ponds.
3. Present waste discharge requirements are neither adequate nor consistent with plans and policies of the Board.
4. The Discharger currently discharges an average of 140,000 gallons per day (0.6 l/sec) from stabilization ponds to pasture land regulated by Wastewater Reclamation Order No. 79-28. Design flow for the facility is 250,000 gpd (10.9 l/sec).
5. The treatment and disposal facilities are in Section 13, T17S, R19E, MDB&M.
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 adopt 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.

IT IS HEREBY ORDERED that Order No. 79-101 be rescinded and Riverdale Public Utilities District, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted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:

WASTE DISCHARGE REQUIREMENTS
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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.

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 0.250 million gallons (946 m³).
5. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of in a manner approved by the Executive Officer.
6. Reclaimed wastewater shall meet the criteria contained in Title 22, Division 4, California Administrative Code (Section 60301, et seq.).
7. The discharge from the treatment facilities shall not contain constituents in excess of the following limits:

<u>Constituents</u>	<u>Units</u>	<u>30-Day Mean</u>	<u>Maximum</u>
BOD	mg/l	40	80
Settleable Matter	mg/l	0.5	1.0

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.
9. The Discharger shall preclude public access to treatment and disposal facilities through a satisfactory combination of fencing and posting or an acceptable alternative.
10. The maximum electrical conductivity (EC) of the discharge shall not exceed 1100 micromhos.

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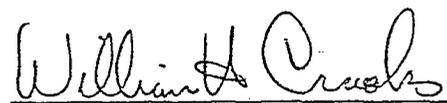
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11. Pasture shall not be irrigated while cattle are present.

C. Provisions:

1. The Discharger may be required to submit technical reports as directed by the Executive Officer.
2. The Discharger shall comply with the attached Monitoring and Reporting Program No. 85-252.
3. The Discharger shall comply with the Standard Provisions and Reporting Requirements, dated 1 September 1985, which are a part of this Order.
4. The Discharger shall report promptly to the Board any material change or proposed change in the character, location, or volume of the discharge.
5. 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.
6. 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 27 September 1985.


WILLIAM H. CROOKS, Executive Officer

LDT:bro:5/20/85

Attachments

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. 85-252

FOR
RIVERDALE PUBLIC UTILITIES DISTRICT
FRESNO COUNTY

EFFLUENT MONITORING

Effluent samples shall be collected downstream from the last connection through which wastes can be admitted to the disposal ponds. Effluent samples should be representative of the volume and nature of the discharge. The following shall constitute the effluent monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Daily Flow	mgd, l/s	Continuous	Daily
20°C BOD ₅	mg/l	Grab	Monthly
Settleable Matter	ml/l	Grab	2/month
Dissolved Oxygen ^{1/}	mg/l	Grab	Weekly
Specific Electrical Conductance	umhos/cm	Grab	Weekly

^{1/} Sample to be collected from a location opposite each pond inlet between the hours of 0800 and 0900.

If the discharge is intermittent rather than continuous, then on the first day of each such intermittent discharge, the Discharger shall monitor and record data for all of the constituents listed above, after which the frequencies of analysis given in the schedule shall apply for the duration of each such intermittent discharge. In no event shall the Discharger be required to monitor and record data more often than twice the frequencies listed in the schedule.

REPORTING

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.

MONITORING AND REPORTING PROGRAM
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Monthly monitoring reports shall be submitted to the Regional Board by the 15th day of the following month.

The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported to the Board.

Ordered by William H. Crooks
WILLIAM H. CROOKS, Executive Officer

27 September 1985

(Date)

LDT:bro

5/20/85

INFORMATION SHEET

RIVERDALE PUBLIC UTILITIES DISTRICT
FRESNO COUNTY

Riverdale Public Utilities District owns and operates wastewater treatment and disposal facilities in Section 13, T17S, R19E, MDB&M. The District serves the City of Riverdale and surrounding area.

The treatment facility itself consists of a comminutor, an aeration pond, and six stabilization ponds operated in series. Two mechanical aerators operate in the aeration pond. Stabilization ponds are rip-rapped to inhibit wind erosion. The design capacity of the plant is 250,000 gpd (10.91/sec). Present daily flows average 140,000 gpd (0.6 l/sec).

Disposal is accomplished on 36 acres (14.6 ha) of neighboring pasture. Disposal is regulated by Wastewater Reclamation Order No. 79-28, on land owned by Mr. Michael Harmon.

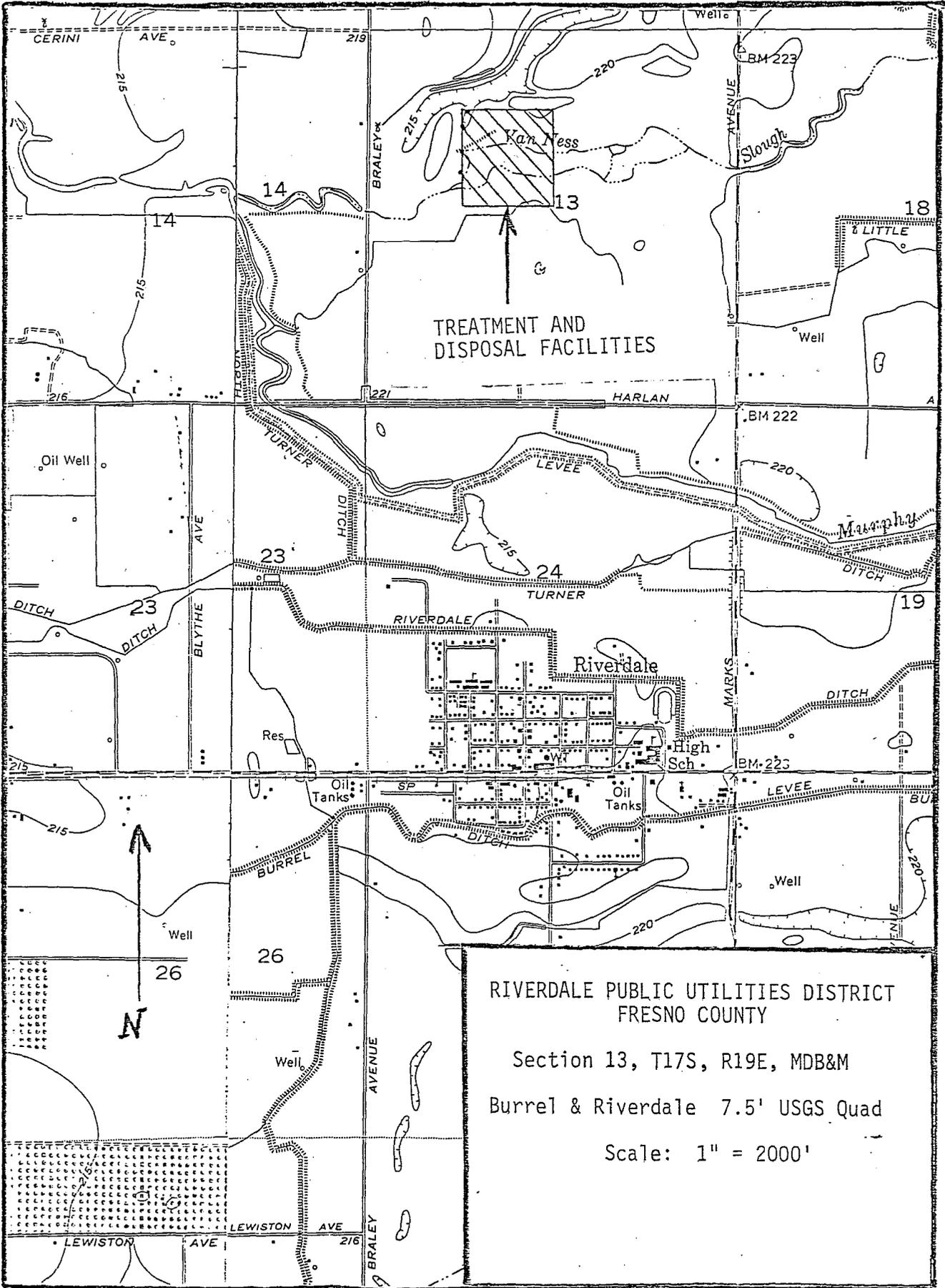
The Department of Water Resources (DWR) records an annual average precipitation of 7.59 inches (19.3 cm) at Riverdale over the 54-year period of record ending in 1975. For the 5-year period of record ending in 1985, DWR reports an annual average evaporation of 59.76 inches (151.8 cm). Daily temperatures in July average 82.6°F at Five Points, and 45.9°F in December.

Depth-to-water levels at wells in Section 14 average 85 feet (25.5 m). Ground water quality data of samples from Section 15 record conductivities averaging 613 umhos/cm.

The action to adopt revised waste discharge requirements for this existing facility is exempt from the provision of the California Environmental Quality Act, in accordance with Section 15301, Title 14, Chapter 3, California Administrative Code.

LDT:bro

5/20/85



RIVERDALE PUBLIC UTILITIES DISTRICT
 FRESNO COUNTY

Section 13, T17S, R19E, MDB&M

Burrel & Riverdale 7.5' USGS Quad

Scale: 1" = 2000'