

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER NO. 86-108

WASTE DISCHARGE REQUIREMENTS
FOR
WOODVILLE PUBLIC UTILITIES DISTRICT
TULARE COUNTY

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

1. The Board, on 10 January 1969, adopted Resolution No. 69-161 which prescribed requirements for a discharge from Woodville Public Utilities District (hereafter Discharger) to land.
2. Present waste discharge requirements established by Resolution No. 69-161 are neither adequate nor consistent with plans and policies of the Board.
3. The Discharger discharges 0.33 million gallons per day from an aeration basin to evaporation/percolation ponds.
4. The treatment and disposal facility is in Section 19, T21S, R26E, MDB&M, on the Valley floor several miles from the nearest surface water.
5. The beneficial uses of the ground water are municipal, industrial, and agricultural supply.
6. 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.
7. 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.
8. The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge.
9. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Resolution No. 69-161 be rescinded and Woodville Public Utilities District, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted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:

A. Discharge Prohibitions:

1. The direct discharge of wastes to surface waters or surface water drainage courses is prohibited.

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TULARE COUNTY

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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 0.33 million gallons.
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 dissolved oxygen content of holding ponds shall not be less than 1.0 mg/l for 16 hours in any 24-hour period.
8. The specific electrical conductivity (EC) of the discharge shall not exceed the average EC of the source water plus 500 micromhos/cm.

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. 86-108.
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, locations, 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.

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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 30 May 1986.


WILLIAM H. CROOKS, Executive Officer

CCC:bro:4/21/86

Attachments

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. 86-108

FOR
WOODVILLE PUBLIC UTILITIES DISTRICT
TULARE COUNTY

MONITORING

The following shall constitute the monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Daily Flow	gpd	Estimate	Daily
Specific Electrical Conductance	micromhos/cm	Grab	Monthly
Dissolved Oxygen ^{2/}	mg/l	Grab	Monthly ^{1/}

1/ Effluent shall be sampled monthly and source water annually.

2/ Sample to be collected from opposite the inlet of each pond between the hours of 0800 and 0900.

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.

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

Ordered by

William H. Crooks

WILLIAM H. CROOKS, Executive Officer

CCC:bro

4/21/86

30 May 1986

(Date)

INFORMATION SHEET

WOODVILLE PUBLIC UTILITIES DISTRICT TULARE COUNTY

The Woodville Public Utilities District provides water and sewage services to the community of Woodville which is about 10 miles west of Porterville in Section 19, T21S, R26E, MDB&M.

The District operates an extended aeration activated sludge treatment plant. Domestic sewage flows via gravity to a newly constructed headworks which consists of two lift pumps that pump the sewage to an aeration basin. The aeration basin is divided into two cells each fitted with a floating aerator suspended in the middle of the cell by cables. The aerators operate alternately on a 15 minute cycle. Activated sludge is recycled through the basin at about 100 gpm. The facility treats approximately 0.25 to 0.33 million gallons per day of domestic wastes. There are no industrial hookups to the system. Sludge from the basin is wasted about two times a year and disposed of on the 40-acre site owned by the District.

The effluent from the aeration basin flows to one of two percolation/evaporation ponds. The District uses one pond each year while the other pond is drying. Once the pond dries it is cleaned out and the bottom ripped to about 18 inches.

The facility is regulated by Resolution No. 69-161 which does not reflect the current policies of the Board.

Ground water quality in the area is considered good with an electrical conductivity of about 400 micromhos/cm. Depth to unconfined ground water is about 65 feet.

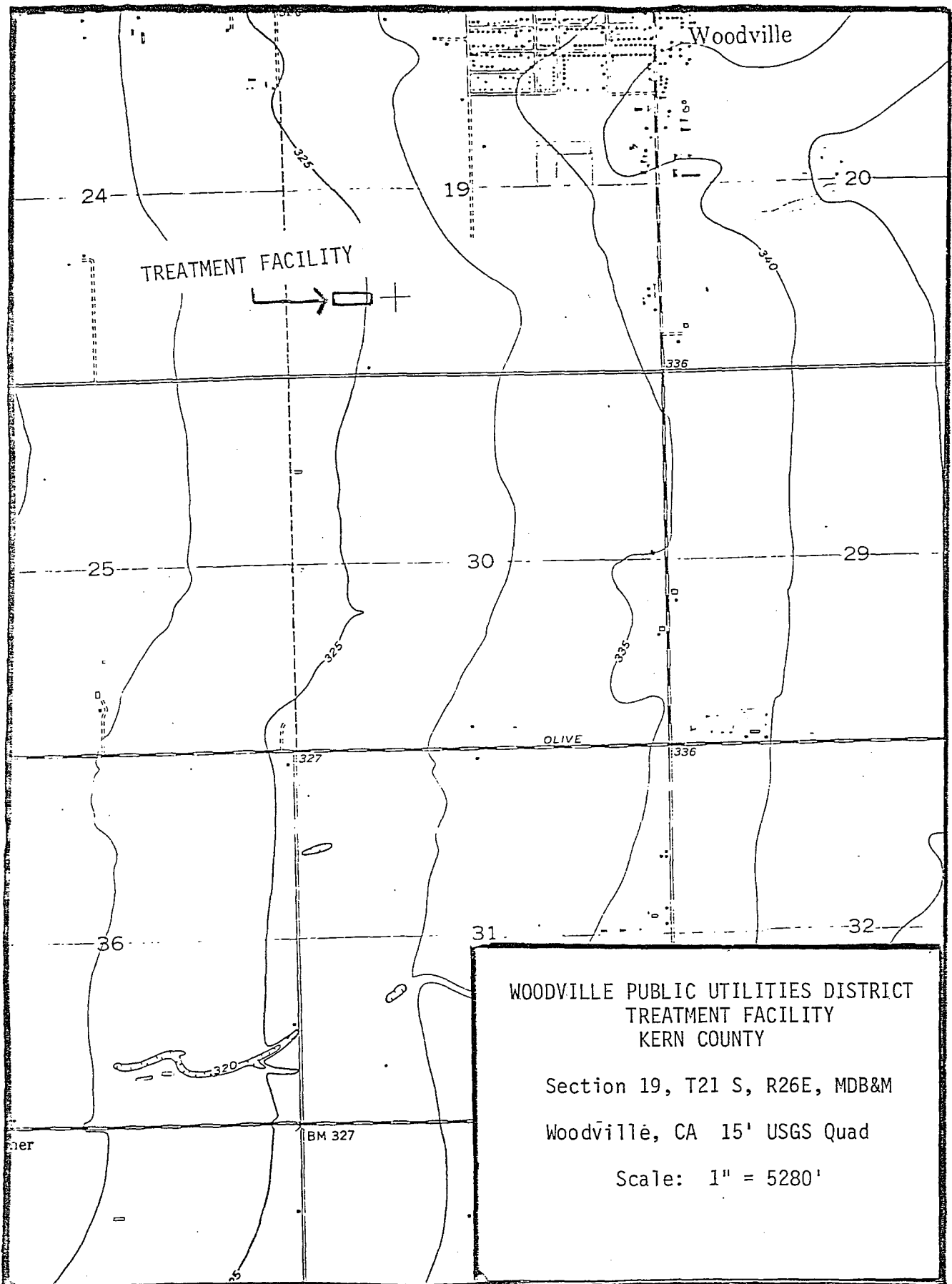
The facility is on the San Joaquin Valley floor several miles from the nearest surface water.

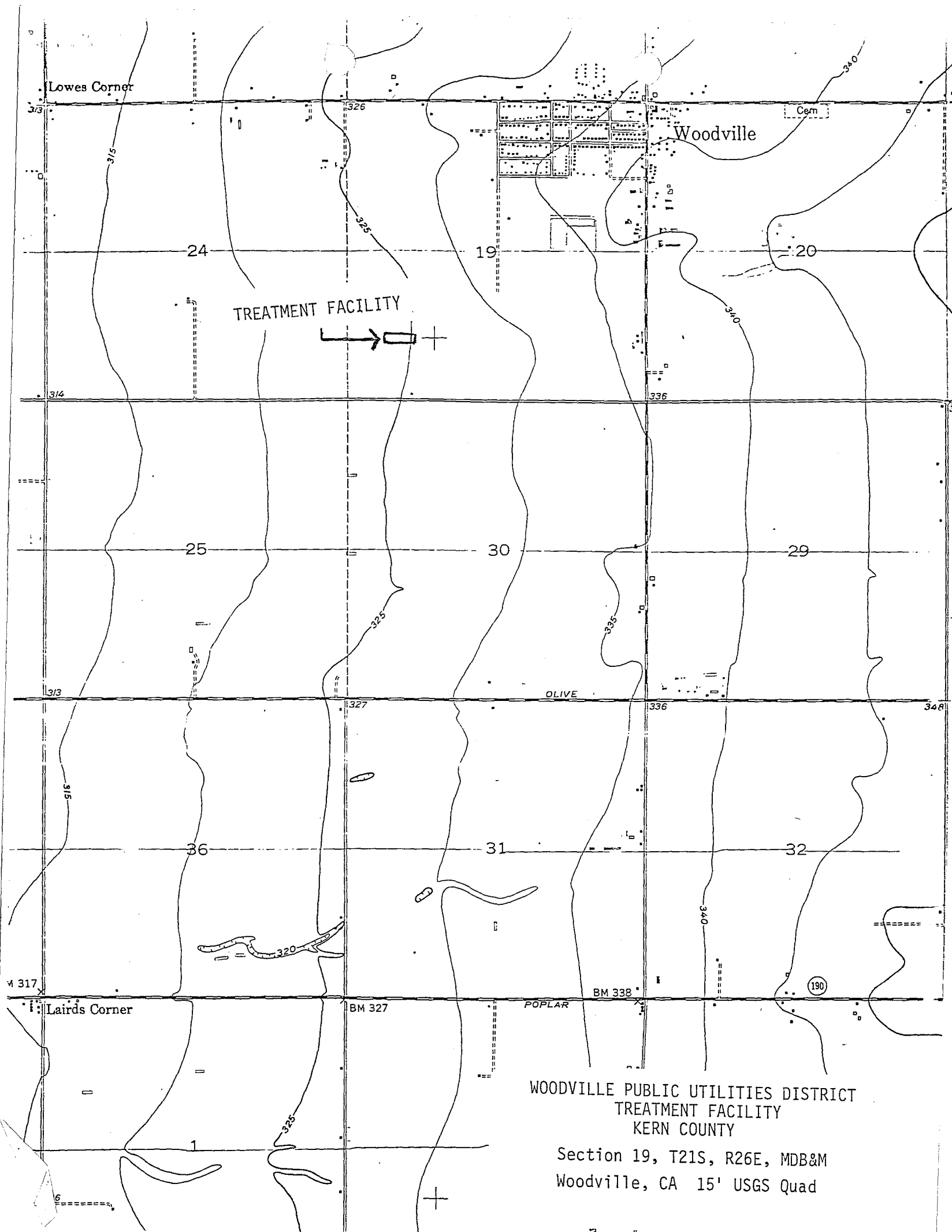
Soil in the area consists of Madera loam overlying hardpan which restricts surface penetration and subsoil drainage. Rainfall is about 10 inches annually, pan evaporation rates have been reported to be around 60 inches per year.

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.

CCC:bro

4/21/86





WOODVILLE PUBLIC UTILITIES DISTRICT
TREATMENT FACILITY
KERN COUNTY

Section 19, T21S, R26E, MDB&M
Woodville, CA 15' USGS Quad