

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER NO. 81-122

WASTE DISCHARGE REQUIREMENTS
FOR
GOLDEN HILLS COMMUNITY SERVICES DISTRICT AND
GOLDEN HILLS SANITATION COMPANY
KERN COUNTY

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

1. The Golden Hills Community Services District and the Golden Hills Sanitation Company (hereafter considered jointly as Dischargers) have submitted a Report of Waste Discharge dated 21 April 1981 for the treatment and disposal of 0.2 mgd (9.8 l/s) of domestic wastewater for a design population of about 2,000.
2. The new treatment facilities will be located in a portion of Section 7, T32S, R33E, MDB&M on 168 acres (68 ha) of land belonging to the Golden Hills Community Services District, approximately five miles (8 km) west of the City of Tehachapi. The proposed plant will consist of an extended aeration package treatment plant, chlorination facilities, rapid sand filter, approximately 2,500 feet (762 m) of 6" force main leading to the golf course, and a wet weather storage reservoir of approximately 110 acre-feet (13.6 ha/m) for treated effluent.
3. Disposal of treated effluent will initially be accomplished by spray irrigation on the front nine fairways of the Golden Hills Country Club golf course. Wastewater Reclamation Requirements are concurrently being presented for Board consideration to govern this proposed disposal operation.
4. Brite Creek transects the Golden Hills golf course. Water flows in the creek during rainy periods and is dry the remainder of the year.
5. An alternate disposal area is located within Brite Creek Canyon consisting of approximately 40 acres (16.2 ha) of irrigable meadow lands and 45 acres (18.2 ha) of side hills. Soils and percolation tests show that this alternate area has sufficient capacity to accommodate anticipated treated effluent flows.
6. The Golden Hills Sanitation Company is arranging the financing for the treatment facilities and will maintain responsibility for the plant until operational stability has been demonstrated. The Golden Hills Community Services District has agreed to assume the duties of operating and maintaining the sewer system after such time that a satisfactory contract has been finalized between the Golden Hills Community Services District and the Golden Hills Sanitation Company which addresses financial, legal and construction aspects of the treatment plant.

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7. The beneficial uses of areal ground waters are municipal and industrial supply.
8. The Board, on 25 July 1975, adopted a Water Quality Control Plan for the Tulare Lake Basin (5D) which contains water quality objectives for all inland waters of the Basin. These requirements are consistent with that plan.
9. A Negative Declaration has been prepared by Regional Board staff regarding these requirements in accordance with the California Environmental Quality Act (Public Resources Code Section 21000 et seq.), and the State Guidelines. A Notice of No Significant Impact has been filed with the Secretary of Resources.
10. The Board has notified the Dischargers and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge and has provided them with an opportunity to submit their written views and recommendations.
11. The Board, in a public hearing, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the Golden Hills Community Services District and the Golden Hills Sanitation Company, 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 from the collection system or treatment and disposal facilities is prohibited.
- ✓ 2. The by-pass or overflow of untreated or partially treated waste from the collection system or treatment and disposal facilities is prohibited.
3. The discharge, storage, or treatment of wastewater within 100 feet (30 m) of any surface water is prohibited.
4. The discharge of treated effluent within 100 feet of the property lines of any residence is prohibited.
5. Spray application of treated wastewater on the Golden Hills golf course is prohibited during the period 1 December and 30 April of each year.
6. The use of untreated or partially treated wastes for irrigation is prohibited.
7. The treatment facility shall not be located within the estimated 100 year flood plain of Brite Creek.

12/11/81

Amended

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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 30-day dry weather discharge flow shall not exceed 0.20 mgd (9.8 l/sec).
- ✓ 4. The discharge shall be confined to property owned or controlled by the Dischargers and/or those lands for which reclamation permits have been issued.
5. The discharge from the treatment plant prior to entering irrigation storage (Tom Sawyer Lake) or spray irrigation disposal at the Golden Hills golf course 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 ₅ ^{1/}	mg/l	30	60
✓ Suspended Solids	mg/l	30	60
✓ Settleable Matter	ml/l	0.1	0.2
✓ Coliform Organisms	MPN/100 ml	23	240

1/ Five day 20° Celsius Biochemical Oxygen Demand

6. The dissolved oxygen content in any treatment, disposal or irrigation holding pond shall not be less than 1.0 mg/l for 16 hours in any 24-hour period.
7. The maximum specific electrical conductance of any discharge shall not exceed the weighted average of the source water plus 500 micromhos.
8. The Dischargers shall preclude public access to the treatment facilities.
9. Collected screening, sludges, and other solids removed from liquid wastes shall be disposed of in a manner approved by the Executive Officer.
10. Reclaimed wastewater shall meet the criteria contained in Title 22, Division 4, California Administrative Code (Section 60301 et seq.).

12/11/81 Amended

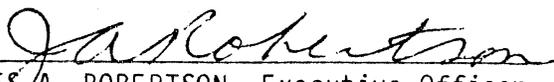
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C. Provisions:

1. The Dischargers shall comply with Monitoring and Reporting Program No. 81-122.
2. The Dischargers shall comply with the Standard Provisions and Reporting Requirements, dated 21 September 1979, which are a part of this Order.
3. In the event of any change in control or ownership of the collection, treatment, or disposal system presently owned by the Dischargers, the Dischargers 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.
- ✓ 4. The Dischargers shall report promptly to the Board any material change or proposed change in the character, location or volume of the discharge.
5. The Board will review this Order periodically and may revise the requirements when necessary.
6. The Dischargers shall comply with the general requirements of design and the disinfection reliability standards in Article 8 and Article 10 of Title 22, Division 4, of the California Administrative Code.

I, JAMES A. ROBERTSON, 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 11 December 1981.


JAMES A. ROBERTSON, Executive Officer

11 December 1981

(Date)

TK/ajp 10/21/81

Attachments

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM

ORDER NO. 81-122

FOR
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Composite samples may be taken by a proportional sampling device approved by the Executive Officer or by grab samples composited in proportion to the flow. In compositing samples, the interval shall not exceed one hour.

INFLUENT MONITORING

Influent samples shall be collected downstream from the last connection through which wastes can be admitted to the collection system. The following shall constitute the influent monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Total Daily Flow	mgd	Measured	Daily
Settleable Matter	ml/l	Grab	Weekly
BOD ₅ ^{1/}	mg/l	8-hour composite	Monthly
Total Suspended Matter	mg/l	8-hour composite	Monthly

^{1/} Five day 20°Celsius Biochemical Oxygen Demand

EFFLUENT MONITORING

The effluent shall be sampled from the outlet of the force main discharge from the treatment plant prior to entering irrigation storage (Tom Sawyer Lake) or spray disposal on the golf course.

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<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
BOD ₅ ^{1/}	mg/l	Grab	2/Month
Total Suspended Matter	mg/l	Grab	2/Month
Settleable Matter	ml/l	Grab	Daily
Dissolved Oxygen ^{2/}	mg/l	Grab	Daily
Electrical Conductivity	umhos/cm	Grab	Weekly
Coliform Organisms	MPN/100 ml	Grab	2/Week
Chlorine Residual	mg/l	Grab	Daily

^{1/} Five day 20° Celsius Biochemical Oxygen Demand

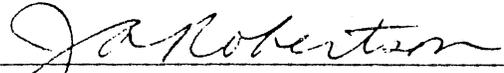
^{2/} Samples to be collected from or near the outlet of each pond or lagoon between the hours of 0800 and 0900.

REPORTING

Monthly monitoring reports shall be submitted to the Regional Board by the 15th day of the following month. In reporting the monitoring data, the Dischargers 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.

The Dischargers shall submit a diagram indicating the location of the sampling stations, in relation to the treatment facilities and the effluent reuse and disposal facilities, to the Executive Officer with the initial monitoring report.

Ordered by


JAMES A. ROBERTSON, Executive Officer

11 December 1981

(Date)

TK/ajp 10/21/81

INFORMATION SHEET

GOLDEN HILLS COMMUNITY SERVICES DISTRICT AND
GOLDEN HILLS SANITATION DISTRICT, KERN COUNTY

The Golden Hills Community Services District (District) and Golden Hills Sanitation Company (Company) filed a Report of Waste Discharge dated 21 April 1981 to discharge 200,000 gallons per day (9.8 l/s) of domestic wastewater.

The proposal includes construction of a new wastewater treatment plant, with golf course irrigation as an initial disposal method. The owner of the golf course will not enter into an extended agreement for disposal of treated effluent. Consequently the District had designated approximately 85 acres (34 ha) of useable meadow property it owns in Brite Creek Canyon as a potential land disposal site for irrigation of pasture land and fodder, fiber and seed crops. The disposal capacity of the meadow area has been estimated to be sufficient to accommodate anticipated wastewater flows. The District has required the Company to provide the necessary irrigation equipment to utilize the Brite Creek Canyon land.

Brite Creek transects the Golden Hills golf course. Water flows in the creek during rainy periods, but is dry the rest of the year. It is a tributary to Tehachapi Creek. Staff investigations have demonstrated that beneficial uses of Tehachapi Creek are limited to stock watering. In order to preclude runoff from the golf course into Brite Creek, these requirements include a prohibition of spray irrigation of treated effluent on the golf course for the period 1 December to 30 April of each year.

The District is also considering direct discharge of treated effluent into Brite Creek as a tentative future disposal alternative, and has informed the Board of these desires in written correspondence.

The proposed facilities will consist of a sewer collection system, extended aeration package treatment plant, rapid sand filter, chlorination equipment, a pump station and a 6" force main leading to the golf course. Additionally, an agreement has been reached between the District and the Company, giving the District operational control priority over a 110 acre-foot (13.6 ha/m) water storage reservoir (called Tom Sawyer Lake) on the golf course. The lake will serve as a holding pond for treated effluent during wet weather conditions when irrigation disposal could possibly result in runoff into Brite Creek.

The Company is arranging the financing for the proposed facilities and will maintain responsibility for the plant until operational stability has been demonstrated. The treatment and collection system will be deeded over to the District which will then be responsible for operations and maintenance of the system.

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The treatment plant will serve proposed development within the District consisting of condominiums, single family residences, motels and a trailer park. The District may decide to connect existing development with septic tank problems to the system. An ultimate design of approximately 2,000 will be served by the facilities.

Wastewater Reclamation Requirements are concurrently being presented with these requirements for Board consideration to govern this proposed disposal operation.

These requirements have been developed to preclude runoff and discharge into areal surface waters. Compliance with the requirements will provide adequate protection of water quality.

A Negative Declaration has been prepared by Regional Board staff regarding these requirements in accordance with the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) and the State Guidelines. A Notice of No Significant Impact has been filed with the Secretary of Resources.

TK/ajp 10/21/81