

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
1102-A Laurel Lane
San Luis Obispo, California 93401

ORDER NO. 89-25

WASTE DISCHARGE REQUIREMENTS
FOR
SAN LUIS TALLOW COMPANY, INC.
SAN LUIS OBISPO COUNTY

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

1. Mr. Alfred Martinelli, owner, filed a Report of Waste Discharge on November 18, 1988, in accordance with Section 13260 of the California Water Code. The report was filed on behalf of San Luis Tallow Company, Inc. for authorization to discharge on-site washwater within the San Luis Obispo sub-basin.
2. San Luis Tallow Company, Inc. (hereafter Discharger), P.O. Box 767, 445 Prado Road, San Luis Obispo, CA 93406, owns and operates a rendering collection station located in San Luis Obispo County at the easterly end of Prado Road, south of the City of San Luis Obispo. The facilities are in the SW 1/4 of Section 2, T31S, R12E, MD B&M, as shown on Attachment "A" of this order.
3. Approximately 500 gallons-per-day ($2 \text{ m}^3/\text{day}$) of on-site/ wash-water containing a small amount of animal waste are treated at this facility. The treatment facility consists of two settling tanks. Wastewater is discharged to two oxidation-percolation ponds. Total capacity of the oxidation-percolation ponds is 700,000 gallons (2652 m^3). Maximum flow to these ponds is estimated to be 1000 gallons-per-day ($4 \text{ m}^3/\text{day}$). Pond effluent may be used to irrigate a nearby 60-acre pasture irrigation area owned by the discharger. The ponds and irrigation area are shown on Attachment "A" of this Order.
4. Domestic wastes are discharged to on-site septic tank/ leachfield systems.
5. The oxidation-percolation ponds are located on level topography consisting of heavy adobe and serpentine soils. Depth to ground water in the on-site water well shown on Attachment "A" is approximately 18 feet.

Item No. 22, Attachment 1
February 6, 2004
San Luis Tallow Company

6. These waste discharge requirements are being revised and updated to reflect current facility conditions. The discharge has been regulated by Waste Discharge Requirements Order No. 76-30, adopted by the Board on June 11, 1976. This discharge has been regulated by the Board since 1970.
7. The Water Quality Control Plan, Central Coastal Basin, (Basin Plan) was adopted by the Board on March 14, 1975, and approved by the State Water Resources Control Board on March 20, 1975. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters.
8. Present and anticipated beneficial uses of ground water in the vicinity of the discharge include:
 - a. Domestic supply;
 - b. Agricultural supply; and,
 - c. Industrial supply.
9. These waste discharge requirements are for an existing facility and are exempt from provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et. seq.) in accordance with Section 15301, Chapter 3, Title 14, of the California Code of Regulations.
10. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent effluent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assure this and mitigate any potential adverse changes in water quality due to the discharge.
11. On January 6, 1989, the Board notified the Discharger and interested agencies and persons of its intent to revise waste discharge requirements for the discharge and has provided them with a copy of the proposed order and an opportunity to submit written views and comments.
12. After considering all comments pertaining to this discharge during a public hearing on March 10, 1989, this Order was found consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, San Luis Tallow Company, Inc., its agents, successors, and assigns, may discharge waste at the aforescribed facility providing compliance is maintained with the following:

(Note: Other prohibitions and conditions, definitions, and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984. Applicable paragraphs are referenced in paragraph D.3. of this Order.)

A. Prohibitions

1. Discharge to areas other than the designated disposal area shown in Attachment "A", and to other than reclamation areas approved by the Executive Officer is prohibited.
2. Discharge of any wastes, including overflow, bypass, seepage and overspray from transport, treatment or disposal systems to adjacent drainageways, or adjacent properties is prohibited.
3. Bypass of the treatment facility and discharge of untreated or partially treated wastes to the irrigation area is prohibited.
4. Discharge to the oxidation/percolation ponds of any waste other than washwater derived from on-site cleaning operations is prohibited.
5. Discharge of domestic wastes to other than the on-site subsurface septic tank/leachfield system is prohibited.

B. Discharge Specifications

1. Daily flows averaged over each month shall not exceed 1000 gallons (4 m³).
2. Effluent discharged to the irrigation area shall not exceed the following limitations:

<u>Parameter</u>	<u>Units</u>	<u>Maximum</u>
Total Dissolved Solids	mg/l	1250
Biochemical Oxygen Demand, 5-day 20°C	mg/l	150
Total Suspended Solids	mg/l	125
Settleable Solids	ml/l	0.5
Oil and Grease	mg/l	30

3. Effluent discharged to the land areas shall not have a pH less than 6.5 or greater than 8.4.

NO IRRIG H₂O

4. The dissolved oxygen concentration within the final oxidation/percolation pond shall not be less than 2.0 mg/l.
5. Freeboard shall exceed two feet in the final oxidation-percolation pond.
6. The discharge shall be maintained at least 100 feet from any water supply well.

C. Ground Water Limitations

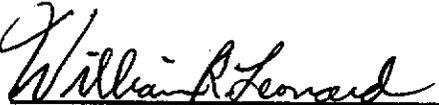
1. The discharge shall not cause nitrate concentrations in the ground water downgradient of the disposal area to exceed 8 mg/l (as N).
2. The discharge shall not cause a significant increase of mineral constituent concentrations in underlying ground waters.
3. The discharge shall not cause concentrations of chemicals and radionuclides in ground water to exceed limits set forth in Title 22, Chapter 15, Articles 4 and 5 of the California Code of Regulations.

D. Provisions

1. Order No. 76-30, "Waste Discharge Requirements for San Luis Tallow Company, Inc., San Luis Obispo County," adopted by the Board on June 11, 1976, is hereby rescinded.
2. Discharger shall comply with "Monitoring and Reporting Program No. 89-25", as specified by the Executive Officer.
3. Discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January 1984; except items A.17. and C.16.
4. Pursuant to Title 23, Chapter 3, Subchapter 9, of the California Code of Regulations, the Discharger must submit a written report to the Executive Officer not later than September 1, 1993, addressing:
 - a. Whether there will be changes in the continuity, character, location, or volume of the discharge; and,

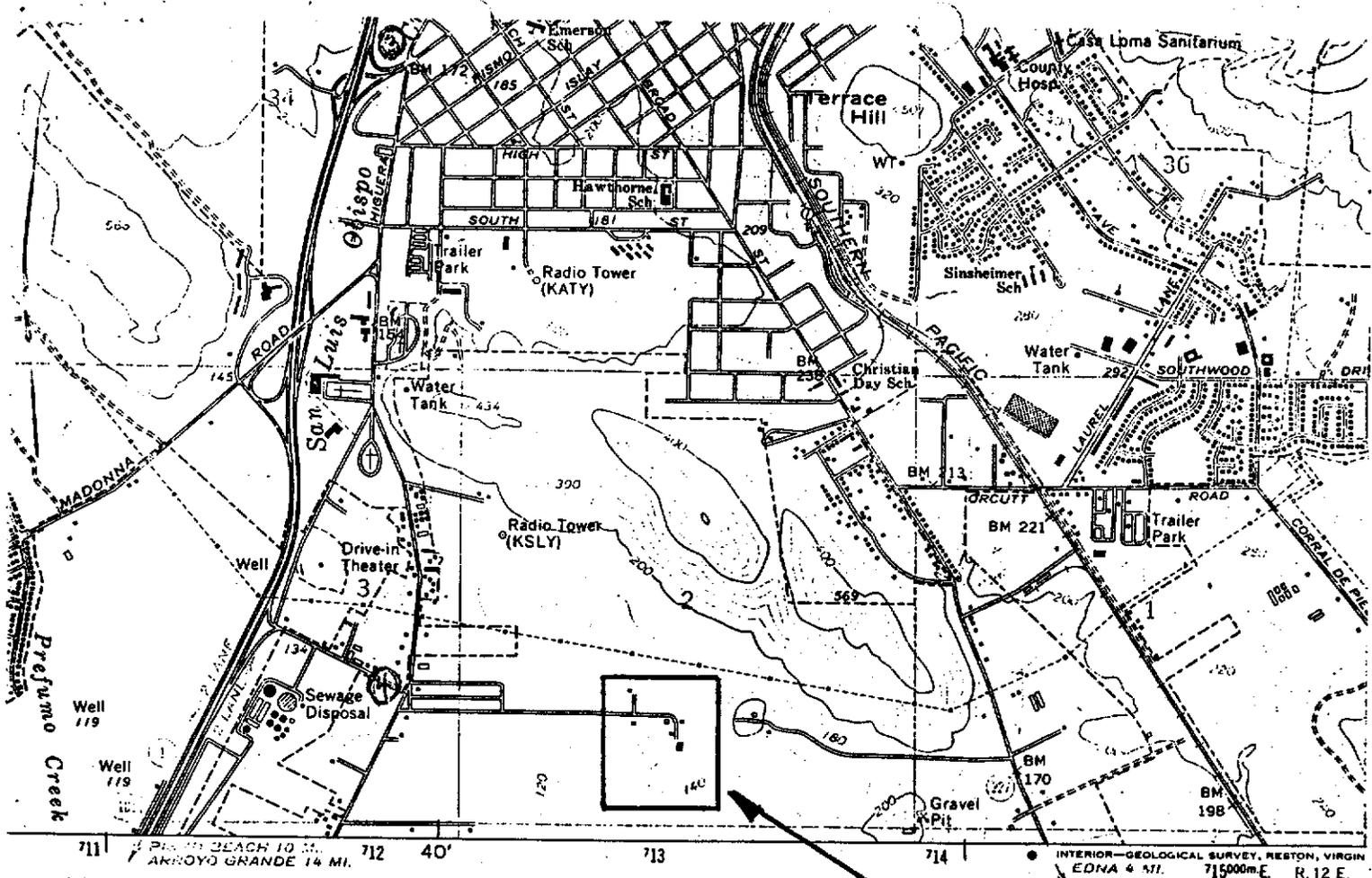
- b. Whether, in their opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.

I, WILLIAM R. LEONARD, 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 Coast Region, on March 10, 1989.

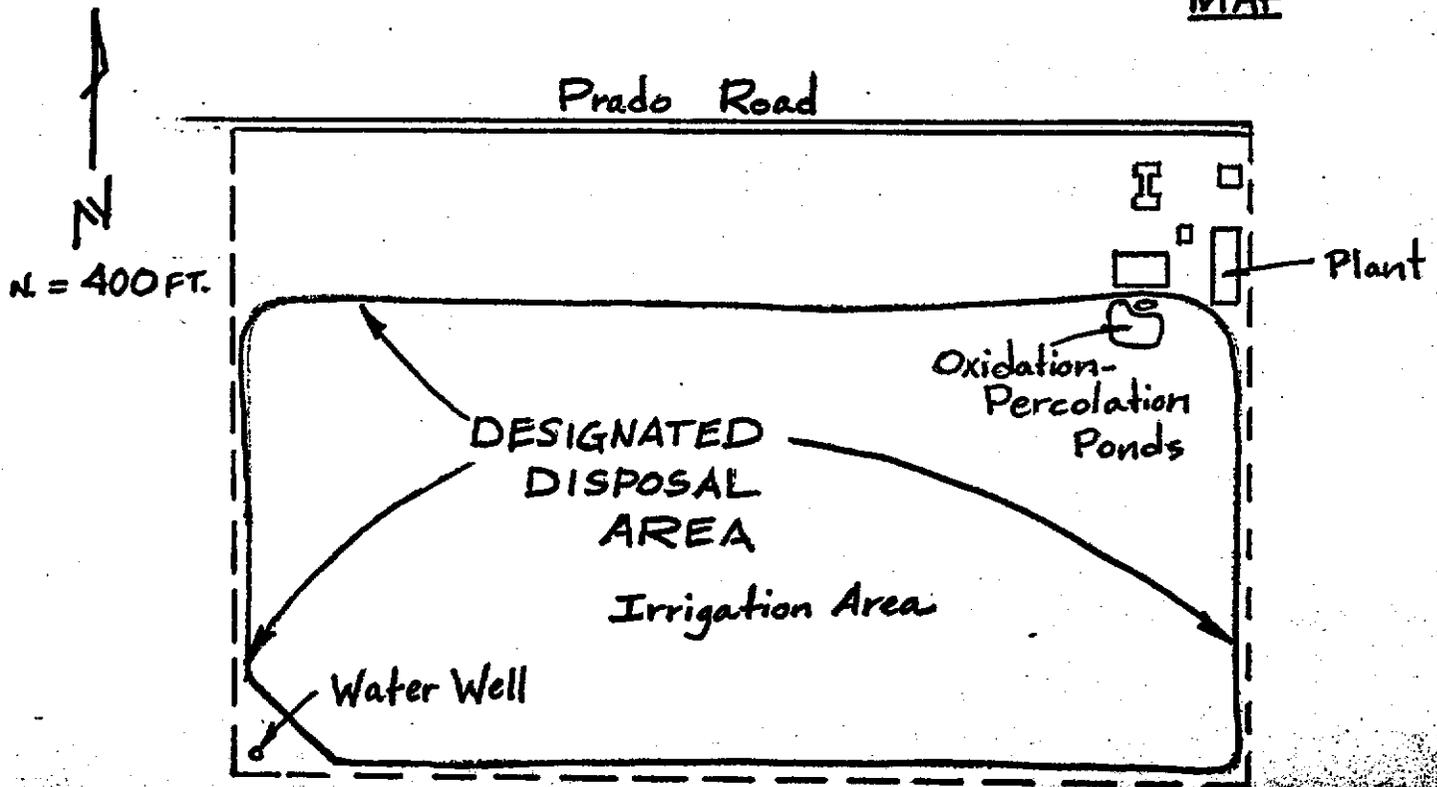

Executive Officer

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VICINITY MAP



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION

MONITORING AND REPORTING PROGRAM NO. 89-25

FOR

SAN LUIS TALLOW COMPANY, INC.
SAN LUIS OBISPO COUNTY

Flow and Freeboard Monitoring

Wastewater flow volume and disposal pond freeboard shall be monitored as follows:

<u>Constituent</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Flow Volume	gal/day	Estimated	Monthly
Pond Freeboard	feet	Staff Gauge	Monthly

Oxidation-Percolation Pond Monitoring

Samples of the effluent within the final oxidation-percolation pond shall be collected and analyzed for the following constituents:

<u>Constituent</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Dissolved Oxygen	mg/l	Grab	Semi-Annual (March and Sept.)
pH	Units	Grab	" "

Irrigation Area Monitoring

Samples of the effluent discharged to the irrigation area shall be collected and analyzed for the following constituents:

<u>Constituent</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Biochemical Oxygen Demand, 5-day 20 °C	mg/l	Grab	Semi-Annually (March and Sept.)
Total Suspended Solids	mg/l	Grab	" "
Oil and Grease	mg/l	Grab	" "

<u>Constituent</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Total Dissolved Solids	mg/l	Grab	Semi-Annually (March and Sept.)
Settleable Solids	ml/l	Grab	" "
pH	Units	Grab	" "

Reporting

Reports shall be submitted semi-annually by the 20th day of April and October and shall contain all data collected or calculated over the previous six month period. If no discharge to the irrigation area occurs during the sampling period, a report so stating shall be submitted in lieu of irrigation area monitoring.

ORDERED BY

William R. Leonard

Executive Officer

March 10, 1989

Date

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