

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

ORDER NO. 89-90

WASTE DISCHARGE REQUIREMENTS
FOR
SANTA CRUZ COUNTY SERVICE AREA NO. 20,
TRESTLE BEACH
SANTA CRUZ COUNTY

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

1. Don Porath, District Engineer, filed a Report of Waste Discharge on October 17, 1988, in accordance with Section 13260 of the California Water Code. The report was filed on behalf of Santa Cruz County Service Area no. 20, Trestle Beach for authorization to discharge treated domestic wastewater within the Pajaro River sub-basin. The information supports a request for discharge of treated domestic wastewater.
2. Santa Cruz County Service Area No. 20, Trestle Beach (hereafter Discharger), operates a wastewater treatment and disposal system located in Santa Cruz County approximately five miles west of the City of Watsonville, within 1000 feet of the Pacific Ocean, see Attachment "B." The facilities are in the northeast quarter of Section 33, T11S, R1E MD B&M, as shown on Attachment "A" of this order. Trestle Beach consists of 21 condominiums.
3. Currently, approximately 4,000 gallons-per-day (15 m³/day), average daily flow, of treated wastewater are discharged at this facility. The treatment facility consists of a 10,000 gallon-per-day extended aeration plant. Treated wastewater is discharged to seepage pits located in the disposal area, as shown on Attachment "A".
4. Information from the U.S. Geological Survey shows ground water in the Aromas Sand formation, occurring in the vicinity of the discharge, has been pumped at its potential yield since the early 1970's. There has been no change (1966-1988) in groundwater quality (chloride content). Ground water in the Aromas Sand Formation is at a depth of approximately 60 to 75 feet and moves towards the Pacific Ocean.

*clarifier,
aerobic
digester.*

no EQ

5. These waste discharge requirements are being revised. The discharge has been regulated since adoption of Waste Discharge Requirements Order No. 81-58, on July 10, 1981.
6. 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.
7. Groundwater down-gradient of the disposal areas is useable although close to the Pacific Ocean. However, present and anticipated beneficial uses are not being utilized at this time.
8. 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 15101, Chapter 3, Title 14, of the California Administrative Code.
9. 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 Code of Regulations 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.
10. On April 3, 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.
11. After considering all comments pertaining to this discharge during a public hearing on June 9, 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, Santa Cruz County Service Area No. 20, its agents, successors, and assigns, may discharge waste at Trestle Beach, 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 C.3. of this Order.)

A. Prohibitions

1. Discharge to areas other than disposal area shown in Attachment "A," is prohibited.
2. Discharge of wastes, including overflow, bypass, seepage, and over-spray from transport, treatment, or disposal systems to surface waters, adjacent drainageways, adjacent properties, or the soil surface is prohibited.
3. Bypass of the treatment facility and discharge of untreated or partially treated wastes directly to the disposal area is prohibited.
4. Wastewater other than domestic waste from the Trestle Beach Development, discharged to the treatment system, is prohibited.
5. Discharge of wastewater within 100 feet of any domestic water well is prohibited.
6. Discharge is prohibited one year after public sewers are available to service the community of Trestle Beach.

B. Discharge Specifications

1. Daily flow averaged over each month shall not exceed 10,000 gallons (28 m³).
2. Effluent discharged to the disposal area shall not exceed the following limitations:

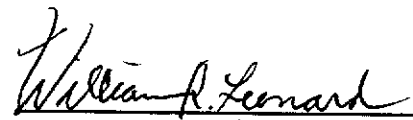
<u>Parameter</u>	<u>Units</u>	<u>Quarterly Average</u>	<u>Daily Maximum</u>
Settleable Solids	mg/l	-	0.1
Total Nonfilterable Residue	mg/l	50	75

3. Effluent discharged to the disposal area shall not have a pH less than 6.5 or greater than 8.4.
4. Surface drainage and ponding shall be excluded from wastewater disposal area.

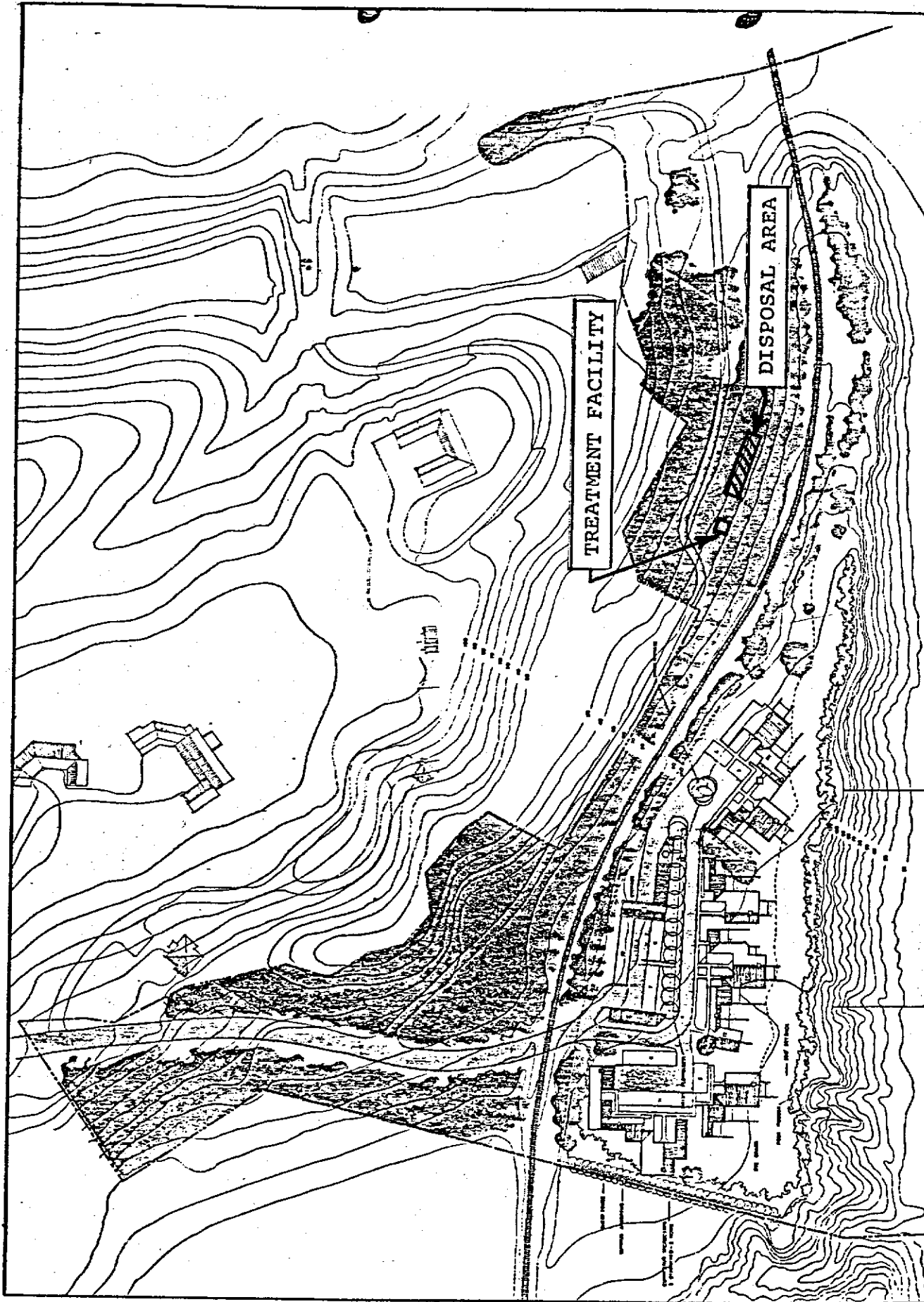
C. Provisions

1. Order No. 81-58 "Waste Discharge Requirements for Santa Cruz County Service Area No. 20, Trestle Beach, Santa Cruz County," adopted by the Board on July 10, 1981, is hereby rescinded.
2. Discharger shall comply with "Monitoring and Reporting Program No. 89-90," 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 A.6.
5. 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 January 1, 1994, 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 June 9, 1989.


Executive Officer

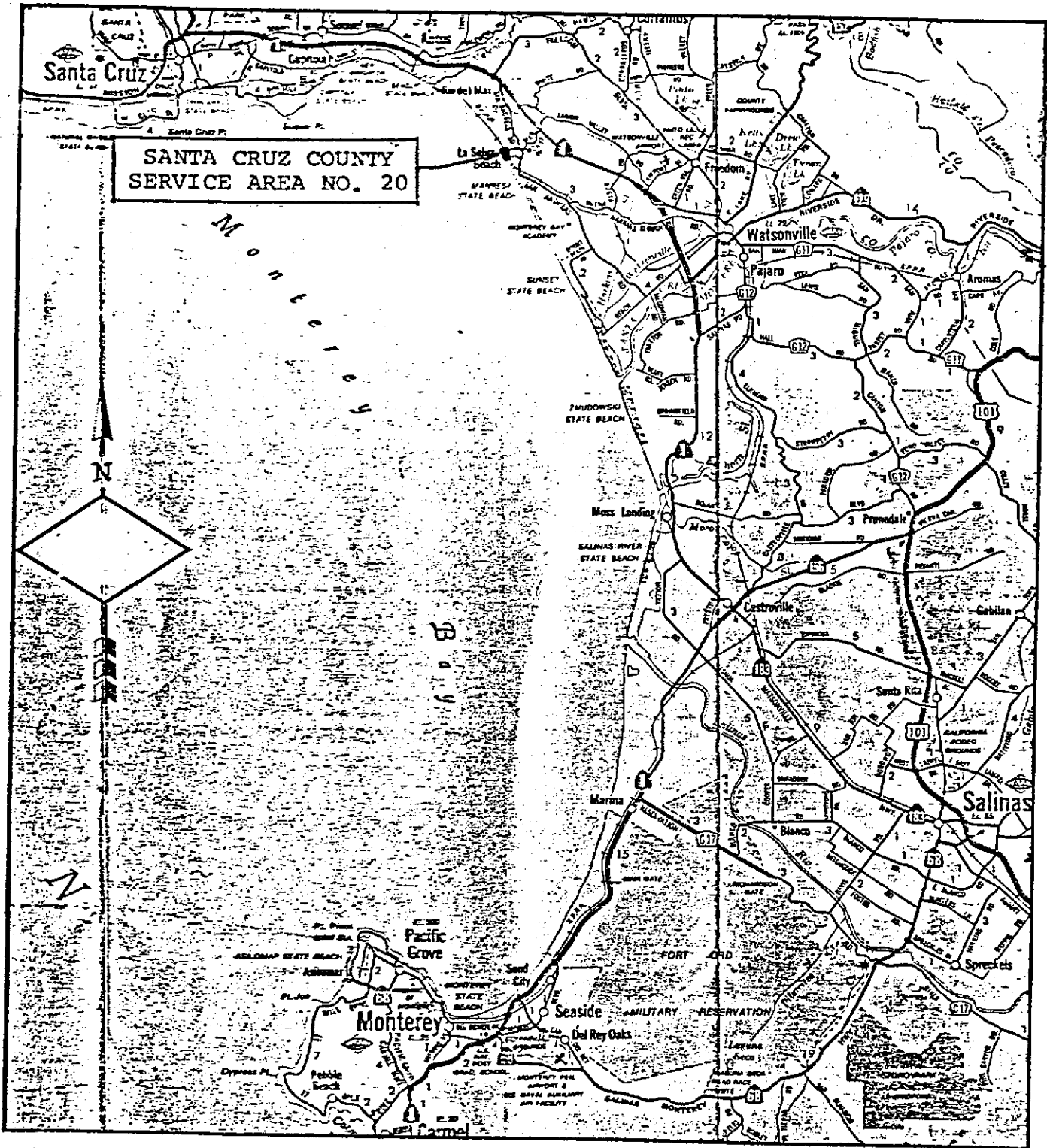
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TRESTLE BEACH
SITE PLAN

SANTA CRUZ COUNTY
SERVICE AREA NO. 20

ATTACHMENT "A"



SANTA CRUZ COUNTY
SERVICE AREA NO. 20

ATTACHMENT "B"

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION

MONITORING AND REPORTING PROGRAM NO. 89-90
FOR
SANTA CRUZ COUNTY SERVICE AREA NO. 20,
TRESTLE BEACH
SANTA CRUZ COUNTY

INFLUENT MONITORING

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum sampling and Analyzing Frequency</u>
Daily flow	Gals/day	Meter	Weekly
Average daily flow	Gals/day	Meter	Calculated Quarterly

EFFLUENT MONITORING

Effluent samples shall be obtained from the effluent distribution box and analyzed for the following constituents:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Settleable Solids	ml/l	Grab	Weekly
Suspended Solids	mg/l	Grab	Monthly
Total Dissolved Solids	mg/l	Grab	Semi-Annually (March & Sept.)
Chloride	mg/l	Grab	" "
pH	--	Grab	" "
Total Kjeldahl Nitrogen	mg/l	Grab	" "

REPORTING

Monitoring reports shall be submitted to the Board semi-annually by the 20th day of April and October.

IMPLEMENTATION

This monitoring and reporting program shall be implemented beginning July 1, 1989.

ORDERED BY William Leonard
Executive Officer

June 9, 1989
Date