

California Regional Water Quality Control Board
North Coast Region

ORDER NO. 93-42
NPDES PERMIT NO. CA0023051
I.D. NO. 1B830010SON

WASTE DISCHARGE REQUIREMENTS

FOR

OCCIDENTAL COUNTY SANITATION DISTRICT

Sonoma County

The California Regional Water Quality Control Board, North Coast Region (hereinafter the Board), finds that:

1. The Occidental County Sanitation District (hereinafter permittee) submitted a complete Report of Waste Discharge on March 31, 1993, and applied for renewal of its Permit to discharge under the National Pollutant Discharge Elimination System (NPDES) from the municipal wastewater treatment facilities that serve the Community of Occidental. A fee of \$7,000 was submitted with the renewal application. This fee shall act as the first annual fee pursuant to Section 2200, Chapter 9, Division 3, Title 23, California Code of Regulations.
2. The facilities are designed to provide secondary treatment for an average dry weather flow of 0.05 mgd utilizing an aerated pond, a settling pond, and disinfection. The present average dry weather flow is approximately 0.02 mgd and it has remained essentially unchanged over the last 10 years. The facilities are located in the NW 1/4 of Section 35, T7N, R10W, MDB&M, as shown on Attachments "A" and "B" incorporated herein and made a part of the Order. Final effluent is discharged to a 35 acre foot reservoir (Graham's Pond) with releases from the pond to Dutch Bill Creek, a Russian River tributary during the winter and releases to irrigation during the discharge prohibition period.
3. This facility is a minor discharger as defined by the U.S. Environmental Protection Agency.
4. The Board adopted Water Quality Control Plans for the Klamath River Basin (1A) and the North Coastal Basin (1B) on March 20, 1975. The Klamath River Basin Plan (1A) was combined with the North Coastal Basin Plan (1B) to form the Water Quality Control Plan for the North Coast Region. The Plan for the North Coast Region was adopted by the Board on April 28, 1988 and approved by the State Water Resources Control Board on November 15, 1988. The Plan includes water quality objectives, implementation plans for point source and nonpoint source discharges and statewide plans and policies.

The Plan for the North Coast Region also includes a prohibition on any discharge to the Russian River system during the period of May 15 through September 30 and all other periods when the receiving

stream's flow is less than 100 times greater than the waste flow. In addition, the Long-Range Plan for the Russian River requires that the discharge of municipal waste to the River and its tributaries shall be of advanced treated wastewater.

5. The Permittee has requested that the new permit continue the same exemption from the Basin Plan requirement of advanced waste treatment (AWT) for effluent discharged to the Russian River system that is contained in the current Order. The Permittee reports that their rate of growth limits sources of financing to either increasing the service charges that are already the highest for County operated sanitation districts subject to the AWT requirement or general obligation bonds that require a two-thirds majority vote. In addition the district generates a very small discharge that represents only a few thousandths of a single percent of the flow of the Russian River. Finally, the Permittee suggests that their limited resources would be most effectively used to continue to upgrade the collection system and pumping station that have been the source of the only significant problems in the past several years.
6. The State Water Resources Control Board adopted the Inland Surface Waters Plan, on April 11, 1991.

The Regional Board has determined that the discharge is low volume, is not likely to contain toxic substances and does not have a significant adverse impact on water quality and the permittee is not required to conduct periodic toxic substance monitoring. This determination was based on the residential nature of the system service area.

7. The beneficial uses of Dutch Bill Creek and the Russian River include:
 - a. municipal and domestic supply
 - b. agricultural supply
 - c. industrial supply
 - d. groundwater recharge
 - e. water contact recreation
 - f. warm freshwater habitat
 - g. cold freshwater habitat
 - h. wildlife habitat
 - i. fish migration
 - j. fish spawning
8. Beneficial uses of areal groundwaters include:
 - a. domestic water supply
 - b. agricultural water supply
9. Effluent limitations, and toxic and pretreatment effluent standards established pursuant to Sections 208(b), 301, 302, 303(d), 304, 306, and 307 of the Clean Water Act and amendments thereto are applicable to the permittee.

10. The discharger is presently governed by Waste Discharge Requirements Order No. 88-20, adopted by the Board on April 28, 1988.
11. The action to renew an NPDES Permit is exempt from the provisions of the California Environmental Quality Act (Public Resources Code Section 2100, et seq.), in accordance with Section 13389 of the California Water Code.
12. The Board has notified the permittee and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity to submit their written comments and recommendations.
13. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.
14. This Order will serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Clean Water Act, or amendments thereto, and will take effect at the end of ten days from the date of adoption by the Board.

THEREFORE, IT IS HEREBY ORDERED that Waste Discharge Requirements Order No. 88-20 are rescinded and the permittee, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Clean Water Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. DISCHARGE PROHIBITIONS

1. The discharge of any waste not specifically regulated by this Permit is prohibited.
2. Creation of a pollution, contamination, or nuisance, as defined by Section 13050 of the California Water Code (CWC) is prohibited. [Health and Safety Code, Section 5411]
3. The discharge of sludge or digester supernatant is prohibited, except as authorized under D. Solid Disposal.
4. The discharge of untreated waste from anywhere within the collection, treatment, or disposal facility is prohibited.
5. The discharge of waste from the Occidental County Sanitation District Wastewater Treatment Plant to Dutch Bill Creek or its tributaries during the period May 15 through September 30 each year is prohibited.
6. During the period of October 1 through May 14, discharges of wastewater shall not exceed one percent of the flow of the receiving water. For purposes of this permit, the flow in Dutch Bill Creek shall be that flow measured at Camp Meeker.

7. There shall be no discharge of waste to land which is not controlled by the permittee.

B. EFFLUENT LIMITATIONS

1. Wastes discharged to Graham's Pond prior to the time the average annual dry weather flow^f equals or exceeds 0.034 mgd shall not contain constituents in excess of the following:

<u>Constituent</u>	<u>Units</u>	<u>30-Day Average^a</u>	<u>7-Day Average^b</u>	<u>Median</u>	<u>Daily Maximum</u>
BOD (20°C, 5-day)	mg/l	30	45	-	60
	lb/day ^c	12	18	-	24
Suspended Solids	mg/l	50	65	-	80
	lb/day ^c	20	27	-	33
Settleable Solids	ml/l	0.1	-	-	0.2
Total Coliform Organisms	MPN/100ml	2.2 ^d	-	-	23
Chlorine Residual	mg/l	-	-	-	0.1
Hydrogen Ion Concentration	pH Units	not less than 6.5 nor greater than 8.5			

2. After the average annual dry weather flow^f equals or exceeds 0.034 mgd only advanced treated wastewater as defined by the numerical limitations listed below shall be discharged to Graham's Pond. The advanced treated wastewater shall be adequately disinfected, oxidized, coagulated, clarified, and filtered (or equivalent, as determined by the State Department of Health Services). Wastes discharged shall not contain constituents in excess of the following:

<u>Constituent</u>	<u>Units</u>	<u>30-Day Average^a</u>	<u>7-Day Average^b</u>	<u>Median</u>	<u>Daily Maximum</u>
BOD (20°C, 5-day)	mg/l	10	15	-	20
	lb/day ^c	4	6	-	8
Suspended Solids	mg/l	10	15	-	20
	lb/day ^c	4	6	-	8
Settleable Solids	ml/l	0.1	-	-	0.2
Total Coliform Organisms	MPN/100ml	2.2 ^d	-	-	23
Chlorine Residual	mg/l	-	-	-	0.1

<u>Constituent</u>	<u>Units</u>	<u>30-Day Average^a</u>	<u>7-Day Average^b</u>	<u>Median</u>	<u>Daily Maximum</u>
Hydrogen Ion Concentration	pH Units	not less than 6.5 nor greater than 8.5			
Turbidity	NTU	2	-	-	5 ^e

3. The arithmetic mean of the BOD (20°C, 5-day) values by weight for effluent samples collected in a period of 30 consecutive days shall not exceed 35 percent of the arithmetic mean of the values, by weight, for influent samples collected at approximately the same times during the same period (65 percent removal).
4. The mean daily dry weather flow of waste shall not exceed 0.05 mgd averaged over a period of 30 consecutive days.
5. The survival of test fish in 96-hour [static or continuous flow] bioassays in undiluted effluent samples shall equal or exceed 90% survival 67% of the time, and 70% survival 100% of the time for discharges from Graham's Pond to Dutch Bill Creek.

a The arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days.

b The arithmetic mean of the values for effluent samples collected in a period of seven consecutive days.

c The daily discharge (lbs/day) is obtained from the following calculation for any calendar day:

$$\text{Daily Discharge (lb/day)} = \frac{8.34}{N} \sum_{i=1}^N Q_i C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (mgd) and the constituent concentration (mg/l), respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample; and Q_i is the average flow rate occurring during the period over which samples are composited.

d median

e Five NTU Maximum not to be exceeded more than five percent of the time.

f The average annual dry weather flow shall be the arithmetic mean of the influent flow for the four (4) consecutive lowest flow months in a calendar year.

C. RECEIVING WATER LIMITATIONS

1. The waste discharge must not cause the dissolved oxygen concentration of the receiving waters to be depressed below 7.0 mg/l. In the event that the receiving waters are determined to have dissolved oxygen concentration of less than 7.0 mg/l, the discharge shall not depress the dissolved oxygen concentration below the existing level.
2. The discharge must not cause the pH of the receiving waters to be depressed below 6.5 nor raised above 8.5. Within this range, the discharge shall not cause the pH of the receiving waters to be changed at any time more than 0.5 units from that which occurs naturally.
3. The discharge must not cause the turbidity of the receiving waters to be increased more than 20 percent above naturally occurring background levels.
4. The discharge must not cause the receiving waters to contain floating materials, including solids, liquids, foams, and scum, in concentrations that cause nuisance or adversely affect beneficial uses.
5. The discharge must not cause the receiving waters to contain taste or odor-producing substances in concentrations that impart undesirable tastes or odors to fish flesh or other edible products of aquatic origin, that cause nuisance, or that adversely affect beneficial uses.
6. The discharge of waste must not cause esthetically undesirable discoloration of the receiving waters.
7. The discharge must not cause bottom deposits in the receiving waters to the extent that such deposits cause nuisance or adversely affect beneficial uses.
8. The discharge must not contain concentrations of biostimulants which promote objectional aquatic growths to the extent that such growths cause nuisance or adversely affect beneficial uses of the receiving waters.
9. The discharge must not cause the receiving waters to contain toxic substances in concentrations that are toxic to, degrade, or that produce detrimental physiological responses in humans or animals or cause acute or chronic toxicity in plants or aquatic life.
10. The discharge must not cause a measurable temperature change in the receiving waters.

11. The discharge must not cause bioaccumulation of pesticide, fungicide, wood treatment chemical, or other toxic pollutant concentrations in bottom sediments or aquatic life to levels which are harmful to human health.
12. The discharge must not cause the receiving waters to contain oils, greases, waxes, or other materials in concentrations that result in a visible film or coating on the surface of the water or on objects in the water that cause nuisance or that otherwise adversely affect beneficial uses.
13. This discharge must not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act, and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Permit in accordance with such more stringent standards.
14. The discharge must not cause concentrations of contaminants to occur at levels which are harmful to human health in waters which are existing or potential sources of drinking water.
15. The discharge must not cause concentrations of toxic pollutants in the water column, sediments, or biota that adversely affect beneficial uses.

D. SOLIDS DISPOSAL

1. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Title 23, Division 3, Chapter 15 of the California Code of Regulations.

E. PROVISIONS

1. Duty to Comply

The permittee must comply with all of the conditions of this Permit. Any permit noncompliance constitutes a violation of the Clean Water Act and the Porter-Cologne Water Quality Control Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. [40 CFR 122.41(a)]

The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if this Permit has

not yet been modified to incorporate the requirement.
[40 CFR 122.41(a)(1)]

2. Duty to Reapply

This permit expires on May 27, 1998. If the permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, the permittee must apply for and obtain a new permit. The application, including a report of waste discharge in accordance with Title 23, California Code of Regulations must be received by the Board no later than November 27, 1997.
[40 CFR 122.41(b)]

The Regional Administrator of the Environmental Protection Agency may grant permission to submit an application at a later date prior to the permit expiration date; and the Regional Administrator of the Environmental Protection Agency may grant permission to submit the information required by paragraphs(g)(7), (9), and (10) of 40 CFR 122.21 after the permit expiration date.
[40 CFR 122.21(d)(2)]

3. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit. [40 CFR 122.41(c)]

4. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this Permit which has a reasonable likelihood of adversely affecting human health or the environment.
[40 CFR 122.41(d)]

5. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with this Permit. Proper operation and maintenance includes adequate laboratory control and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems that are installed by a permittee only when necessary to achieve compliance with the conditions of this Permit. [40 CFR 122.41(e)]

6. Permit Actions

This Permit may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this Permit; or
- b. Obtaining this Permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or a permanent reduction or elimination of the authorized discharge; or
- d. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination.
- e. A determination that substances identified in Tables 1 and 2 of the Inland Surface Waters Plan do occur in the discharge.

The Board may also review and revise this Permit at any time upon application of any person, or on the Board's own motion.
[CWC 13263(e)]

If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the Clean Water Act for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant to this Permit, this Permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition and the permittee so notified. [40 CFR 122.41(f)]

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. [40 CFR 122.41(f)]

7. Property Rights

This Permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. [40 CFR 122.41(g)]

8. Duty to Provide Information

The permittee shall furnish the Board, State Water Resources Control Board (SWRCB), or Environmental Protection Agency (EPA), within a reasonable time, any information which the Board, SWRCB, or EPA may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Permit or to determine compliance with this Permit. The permittee shall also furnish to the Board, upon request, copies of records required to be kept by this Permit. [40 CFR 122.41(h)]

The permittee shall conduct analysis on any sample provided by EPA as part of the Discharge Monitoring Quality Assurance (DMQA)

program. The results of any such analysis shall be submitted to EPA's DMQA manager.

9. Inspection and Entry

The permittee shall allow the Board, SWRCB, EPA, and/or other authorized representatives upon the presentation of credentials and other documents as may be required by law, to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
- d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any locations. [40 CFR 122.41(i)]

10. Monitoring and Records

- a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- b. The permittee shall calibrate and perform maintenance procedures in accordance with manufacturer's specifications on all monitoring instruments and equipment to ensure accurate measurements. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Permit, and records of all data used to complete the application for this Permit, for a period of at least three years from the date of the sample, measurement, report, or application. This period may be extended by request of the Board, SWRCB, or EPA at any time. All monitoring instruments and devices used by the permittee to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary, at least annually to ensure their continued accuracy.
- c. Records of monitoring information shall include:
 - i. The date, exact place, and time of sampling or measurements;
 - ii. The individual(s) who performed the sampling or measurements;
 - iii. The date(s) analyses were performed;
 - iv. The individual(s) who performed the analyses;
 - v. The analytical techniques or methods used; and

vi. The results of such analyses.

- d. Unless otherwise noted, all sampling and sample preservation shall be in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association). All analyses must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this Permit. Unless otherwise specified, all metals shall be reported as total metals. Test fish for bioassays and test temperatures shall be specified by the Board. Bioassays shall be performed in accordance with guidelines approved by the Board and the Department of Fish and Game.

11. Signatory Requirements

- a. All permit applications, reports, or information submitted to the Regional Board, State Board, and/or EPA shall be signed by either a principal executive officer or ranking elected official. [40 CFR 122.22(a)]
- b. Reports required by this Permit, other information requested by the Board, SWRCB, or EPA, and permit applications submitted for Group II stormwater discharges under 40 CFR 122.26(b)(3) may be signed by a duly authorized representative provided:
- i. the authorization is made in writing by a person described in paragraph (a) of this provision;
 - ii. the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company; and
 - iii. the written authorization is submitted to the Board prior to or together with any reports, information, or applications signed by the authorized representative. [40 CFR 122.22(b)(c)]
- c. Any person signing a document under paragraph (a) or (b) of this provision shall make the following certification:
- "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to

the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." [40 CFR 122.22(d)]

12. Reporting Requirements

- a. **Planned changes:** The permittee shall give notice to the Regional Board as soon as possible of any planned physical alteration or additions to the permitted facility. Notice is required under this provision only when:
 - i. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b); or
 - ii. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor the notification requirements under Provision 12 (g).
- b. **Anticipated noncompliance:** The permittee will give advance notice to the Board of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- c. **Transfers:** This Permit is not transferable.
- d. **Definitions:** The following definitions shall apply unless specified in this permit;
 - i. "Daily discharge" means the discharge of a pollutant measured during a calendar day of any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" shall be the concentrations of the composite sample. When grab samples are used, the "daily discharge" determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during the sampling day.
 - ii. "Daily average" discharge limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.

- iii. "Daily Maximum" discharge limitations means that highest allowable "daily discharge" during the calendar month.
- e. Monitoring reports: Monitoring results shall be reported at the intervals specified in the self monitoring program. By January 30 of each year, the permittee shall submit an annual report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the permittee shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the permit. If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR Part 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- f. Compliance schedules: Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- g. Noncompliance reporting: The permittee shall report any noncompliance at the time monitoring reports are submitted. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times and, if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance.

The following events shall be reported orally as soon as the permittee becomes aware of the circumstances, and the written report shall be provided within five days of that time.

- i. Any unanticipated bypass that violates any prohibition or exceeds any effluent limitation in the permit.
- ii. Any upset that exceeds any effluent limitation in the permit.
- iii. Violation of a maximum daily discharge limitation for any of the pollutants listed by the Board in this Permit.
- iv. Any noncompliance that may endanger health or the environment.

The Executive Officer may waive the above-required written report.

h. Other information: Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Board, the permittee shall promptly submit such facts or information. [40 CFR 122.41(1)]

13. Bypass

The intentional diversion of waste streams from any portion of a treatment facility is prohibited.

14. Upset

In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
[40 CFR 122.41(n)]

15. Enforcement

The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$25,000 per day of violation. Any person who negligently violates permit conditions implementing Sections 301, 302, 306, 307, or 308 of the Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment of not more than one year, or both. Higher penalties may be imposed for knowing violations and for repeat offenders. The Porter-Cologne Water Quality Control Act provides for civil and criminal penalties comparable to, and in some cases greater than, those provided under the Clean Water Act.

16. Availability

A copy of this Permit shall be maintained at the discharge facility and be available at all times to operating personnel.

17. Change in Discharge

In the event of a material change in the character, location, or volume of a discharge, (including any point or nonpoint discharge to land or groundwater) the permittee shall file with this Board a new report of waste discharge at least 180 days before making any such change. [CWC Section 13376]. A material change includes, but is not limited to, the following:

- a. Addition of a major industrial waste discharge to a discharge of essentially domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the waste.
- b. Significant change in disposal method, e.g., change from a land disposal to a direct discharge to water, or change in the

method of treatment which would significantly alter the characteristics of the waste.

- c. Significant change in the disposal area, e.g., moving the discharge to another drainage area, to a different water body, or to a disposal area, significantly removed from the original area, potentially causing different water quality or nuisance problems.
- d. Increase in area or depth to be used for solid waste disposal beyond that specified in the waste discharge requirements. [CCR Title 23 Section 2210]

18. Severability

Provisions of these waste discharge requirements are severable. If any provision of these requirements is found invalid, the remainder of these requirements shall not be affected.

19. Monitoring

The Board or SWRCB may require the permittee to establish and maintain records, make reports, install, use, and maintain monitoring equipment or methods (including where appropriate biological monitoring methods), sample effluent as prescribed, and provide other information as may be reasonably required. [CWC Section 13267 and 133834].

The permittee must comply with the Contingency Planning and Notification Requirements Order No. 74-151 and the Monitoring and Reporting Program No. 93-42 and any modifications to these documents as specified by the Executive Officer. Such documents are attached to this Permit and incorporated herein. The permittee shall file with the Board technical reports on self monitoring work performed according to the detailed specifications contained in any monitoring and reporting program as directed by the Board.

Chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. In the event a certified laboratory is not available to the permittee, analyses performed by a noncertified laboratory will be accepted provided:

- a. A quality assurance/quality control program is instituted by the laboratory. A manual containing the steps followed in this program must be kept in the laboratory and shall be available for inspection by staff of the Board. The quality assurance/quality control program must conform to EPA or State Department of Health Services guidelines.
- b. The laboratory will become certified within the shortest practicable time if the State certification program is resumed.

20. National Pretreatment Standards: Prohibited Discharges

- a. General prohibitions. Pollutants introduced into POTWs by a non-domestic source shall not pass-through [40 CFR 403.3(n)] the POTW or interfere [40 CFR 403.3(i)] with the operation or performance of the works. These general prohibitions and the specific prohibitions in paragraph (b) of this provision apply to all non-domestic sources introducing pollutants into a POTW whether or not the source is subject to other National Pretreatment Standards or any national, state, or local Pretreatment Requirements.
- b. Specific prohibitions. In addition, the following pollutants shall not be introduced into a POTW:
 - i. Pollutants which create a fire or explosion hazard in the POTW;
 - ii. Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0, unless the works is specifically designed to accommodate such discharges;
 - iii. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference:
 - iv. Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW; and
 - v. Heat in amounts which will inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW Treatment Plant exceeds 40°C (104°F) unless the Regional Board upon request of the POTW approves alternate temperature limits.
 - vi. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;
 - vii. Pollutants which results in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems;
 - viii. Any trucked or hauled pollutant, except at discharge points designated by the POTW.
- c. When specific limits must be developed by a POTW.

- i. POTWs developing POTW Pretreatment Programs pursuant to 40 CFR 403.8 shall develop and enforce specific limits to implement the prohibitions listed in paragraphs (a) and (b) of this provision.
 - ii. All POTWs shall, in cases where pollutants contributed by User(s) result in interference or pass-through, and such violation is likely to recur, develop and enforce specific effluent limits for Industrial User(s), and all other users, as appropriate, which, together with appropriate changes in the POTW Treatment Plant's facilities or operations, are necessary to ensure renewed and continued compliance with the POTW's NPDES permit or sludge use or disposal practices.
 - iii. Specific effluent limits shall not be developed and enforced without individual notice to persons or groups who have requested such notice and an opportunity to respond.
- d. Local limits. Where specific prohibitions or limits on pollutants or pollutant parameters are developed by a POTW in accordance with paragraph (c) above, such limits shall be deemed Pretreatment Standards for the purposes of Section 307(d) of the Clean Water Act. [40 CFR 403.5(a) through (d)]

21. Operator Certification

Supervisors and operators of municipal wastewater treatment plants shall possess a certificate of appropriate grade in accordance with Title 23, California Code of Regulations, Section 3680. The State Board may accept experience in lieu of qualification training. In lieu of a properly certified wastewater treatment plant operator, the State Board may approve use of a water treatment plant operator of appropriate grade certified by the State Department of Health Services where reclamation is involved.

22. Adequate Capacity

Whenever a publicly owned wastewater treatment plant will reach capacity within four years, the discharger shall notify the Regional Board. A copy of such notification shall be sent to appropriate local elected officials, local permitting agencies, and the press. The discharger must demonstrate that adequate steps are being taken to address the capacity problem. The discharger shall submit a technical report to the Regional Board showing how flow volumes will be prevented from exceeding capacity, or how capacity will be increased, within 120 days after providing notification to the Regional Board, or within 120 days after receipt of Regional Board notification, that the POTW will reach capacity within four years. The time for filing the required technical report may be extended by the Regional Board. An extension of 30 days may be granted by the

Executive Officer, and longer extensions may be granted by the Regional Board itself. [CCR Title 23, Section 2232]

23. Toxicity Reduction Evaluations

The permittee shall conduct a toxicity reduction evaluation (TRE) if the discharge consistently exceeds an acute or chronic toxicity effluent limitation. Once the source of toxicity is identified, the permittee shall take all reasonable steps necessary to reduce toxicity to the required level.

24. The permittee shall comply with all Title 22 regulations where applicable and all guidelines for the use of reclaimed wastewater as recommended by the State of California Department of Health Services.

25. The Permittee shall file a written report with the Board within 90 days after the average annual dry weather flow equals or exceeds 0.029 mgd. The report shall include:

The Permittee's schedule for financing, design, construction, and other steps needed to provide advanced wastewater treatment facilities and comply with Effluent Limitation B-2, including in this Order, prior to the average annual dry weather flow reaching 0.034 mgd.

26. The Permittee shall submit a written report to the Board each year by the 15th of January showing the number of new connections to the Occidental wastewater collection system in the previous year.

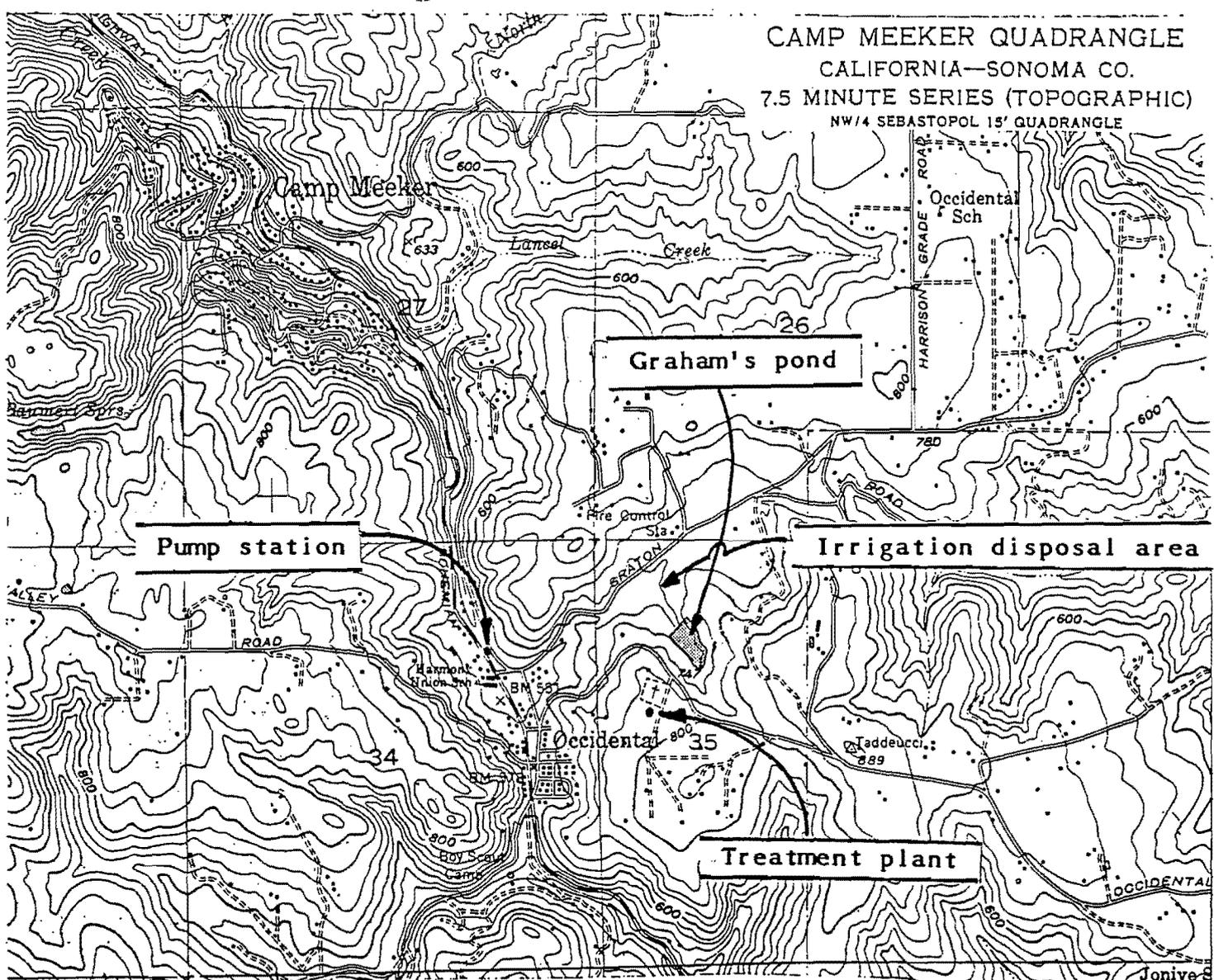
Certification

I, Benjamin D. Kor, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, North Coast Region, on May 27, 1993.



Benjamin D. Kor
Executive Officer

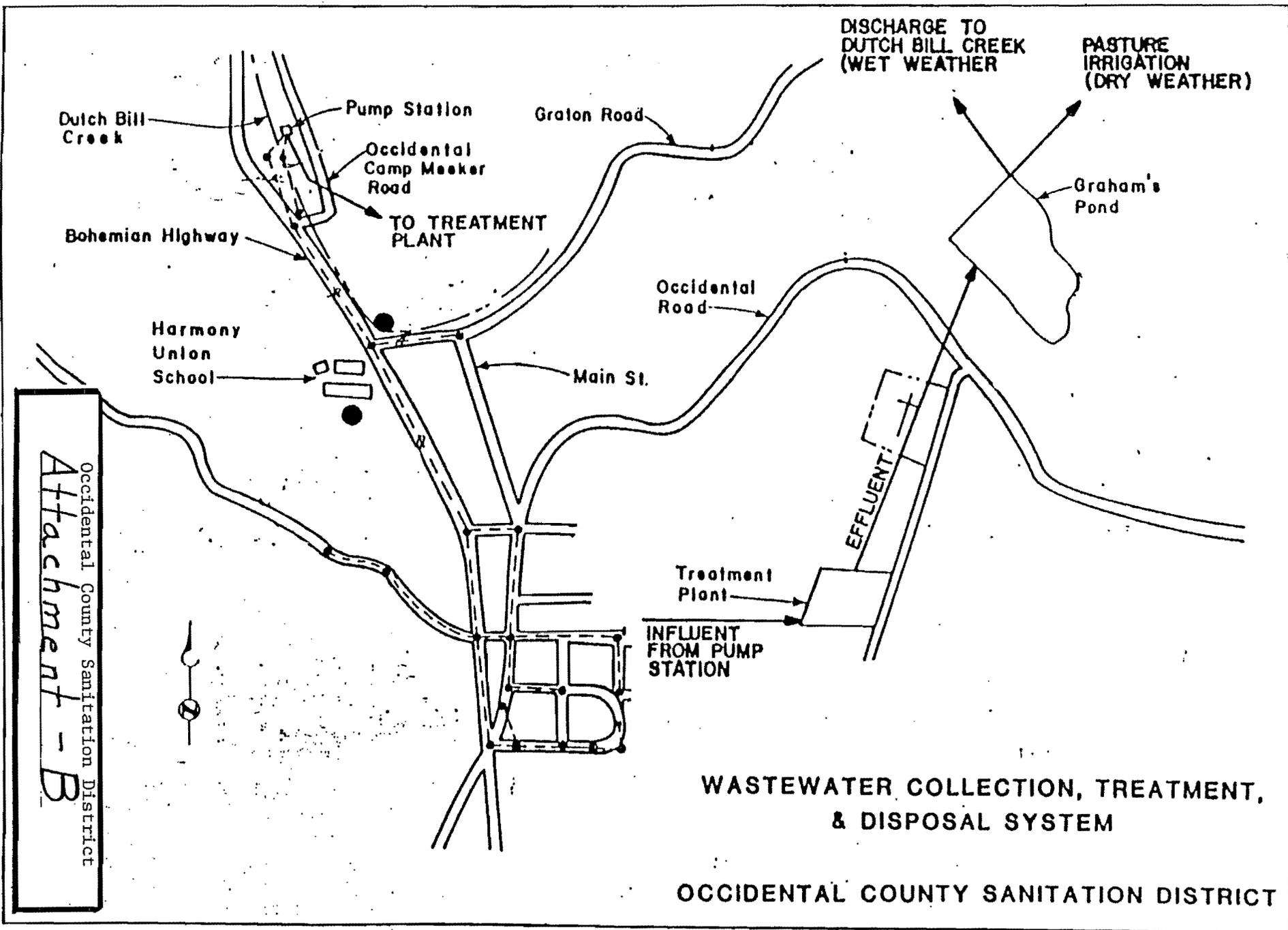
CAMP MEEKER QUADRANGLE
 CALIFORNIA—SONOMA CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 NW/4 SEBASTOPOL 15' QUADRANGLE



	<u>Longitude</u>	<u>Latitude</u>
Pump station	123° 56' 56"	38° 24' 41"
Treatment plant	123° 56' 30"	38° 24' 33"
Graham's pond	123° 56' 24"	38° 24' 42"
Irrigation disposal area	123° 56' 20"	38° 24' 39"

Occidental County Sanitation District
Attachment - A

**OCcidental
 TREATMENT FACILITY**



Occidental County Sanitation District
Attachment - B

**WASTEWATER COLLECTION, TREATMENT,
& DISPOSAL SYSTEM**

OCCIDENTAL COUNTY SANITATION DISTRICT

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. 93-42

FOR THE

OCCIDENTAL COUNTY SANITATION DISTRICT

Sonoma County

MONITORING

Monitoring Influent

Samples shall be collected at a representative point preceding primary treatment. Composite samples may be taken by a proportional sampling device approved by the Executive Officer or by grab samples composited in proportion to flow. In compositing grab samples, the sampling interval shall not exceed one hour. The following shall constitute the monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20° C, 5-day)	mg/l	8-hour composite	monthly
Settleable Solids	ml/l	grab	monthly
Suspended Solids	mg/l	8-hour composite	monthly
Flow	gpd	continuous	daily

Monitoring Discharge

Samples shall be collected at some point in the system prior to any discharge to Graham's Pond and downstream from the last connection through which effluent can be admitted to the discharge. The following shall constitute the monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20° C, 5-day)	mg/l	grab	weekly
Settleable Solids	ml/l	grab	weekly
Suspended Solids	mg/l	grab	weekly
Hydrogen Ion	pH	grab	daily
Chlorine Residual	mg/l	grab	daily
Maximum Daily Flow	gpd	continuous	daily
Mean Daily Flow	gpd	continuous	daily
Fish Bioassay ¹	96-hr.% survival	grab	monthly ²
Total Coliform Organisms	MPN/100ml	grab	weekly

¹ The Rainbow trout, Salmo gairdneri, shall be used as the test fish and test temperature shall be maintained between 14° and 17°C.

² Samples to be taken only during periods of discharge to Dutch Bill Creek.

Monitoring Receiving Waters ²

Samples shall be collected at representative upstream and downstream receiving water monitoring stations approved by the Executive Officer. The following shall constitute the monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Flow ³	gpd	continuous	daily
Dissolved Oxygen	mg/l	grab	weekly
Hydrogen Ion	pH	grab	daily
Turbidity	NTU	continuous	daily

REPORTING

Monthly monitoring reports shall be submitted to the Board for each month by the 15th day of the following month. In reporting the monitoring data, the discharger shall arrange the data on an 8 1/2 by 11 inch sheet in tabular form so that the sampling point, 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. During periods of no discharge, the reports shall certify no discharge.

Ordered by



Benjamin D. Kor
Executive Officer

May 27, 1993

³ Only downstream flow shall be monitored and the point of monitoring shall be the Camp Meeker Dam.