

Benjamin D. Kor
June 16, 1986

California Regional Water Quality Control Board
North Coast Region

RESOLUTION NO. 86-121

AMENDING THE WATER QUALITY CONTROL PLAN
FOR THE NORTH COASTAL BASIN (1B)
WITH RESPECT TO THE POINT SOURCE MEASURES,
WASTE DISCHARGE PROHIBITIONS FOR THE RUSSIAN RIVER,
THE ACTION PLAN FOR SANTA ROSA AREA, AND
ADDITION OF AN INTERIM ACTION PLAN
FOR THE RUSSIAN RIVER

- WHEREAS, The North Coast Regional Water Quality Control Board adopted the Water Quality Control Plan for the North Coastal Basin (1B) on March 20, 1975, and amended the plan periodically thereafter; the plans and amendments have been approved by the State Water Resources Control Board and the Environmental Protection Agency; and
- WHEREAS, The Water Quality Control Plan for the North Coastal Basin (hereinafter Basin Plan) contains an Action Plan for the Santa Rosa area and waste discharge prohibitions for point source measures; and
- WHEREAS, The Regional Board identified the need to develop a long-range Action Plan for the Russian River during the 1985 triennial review of the Basin Plans; and
- WHEREAS, The City of Santa Rosa has declared that its goal is to eliminate its discharge of wastewater to the Russian River; and
- WHEREAS, The City of Santa Rosa is currently developing a long-range plan for the treatment and disposal of sewage; and
- WHEREAS, Upon the completion of the long-range plan, the Regional Board will revise the Action Plan for the Santa Rosa area; and
- WHEREAS, Because of the weather dependent nature of the Santa Rosa Regional System, it is necessary to develop and implement an Interim Action Plan for use until the long-range plan is completed and implemented; and
- WHEREAS, On December 5, 1985, the City of Santa Rosa requested the Regional Board to consider the approval of an Advanced Wastewater Treatment Contingency Plan and to modify the North Coastal Basin Water Quality Control Plan to allow implementation of the City's Contingency Plan on an interim basis; and
- WHEREAS, The State Department of Health Services' Uniform Guidelines for Sewage Disinfection recommend that there should be no direct discharge of sewage effluent to streams used for domestic water supply; and
- WHEREAS, The said Uniform Guidelines for Sewage Disinfection allow exception to this standard where no other method of disposal is physically and economically possible; and
- WHEREAS, The addition of inflow due to new connections to the Santa Rosa Regional System should be fully offset by additional irrigation and/or storage capacity; and

WHEREAS, a Memorandum of Understanding between the Department of Fish and Game and the City of Santa Rosa which addresses the California Department of Fish and Game's concerns regarding the implementation of an Interim Action Plan has been finalized and signed; and

WHEREAS, The Regional Board agreed to consider approval of the City of Santa Rosa's Contingency Plan at a public hearing to be conducted on January 30, 1986; and

WHEREAS, The text of the proposed amendments, a technical report summarizing the basis for the amendments, and environmental documentation functionally equivalent to the California Environmental Quality Act requirements were transmitted to interested individuals and public agencies for review and comment; and

WHEREAS, The Regional Board held public hearings on January 30, and May 7, 1986, and carefully considered all testimony and comments received on this matter. The Board considered this matter again on June 27, 1986, at which time additional written testimony was received and reviewed. The Board has determined that the proposed amendments will not have a significant adverse effect on the environment.

THEREFORE, BE IT RESOLVED that the Water Quality Control Plan and Abstract for the North Coastal Basin (1B) be amended to modify the following language under Section 3, Point Source Measures:

Revise Waste Discharge Prohibitions, Provision "C", to delete reference to the Russian River (added language is underlined, deleted language is shown with strikeover):

"Waste Discharge Prohibitions

Section 13243 of the Porter-Cologne Water Quality Control Act authorizes the Regional Board — in a water quality control plan or in waste discharge requirements — to specify certain conditions or areas where the discharge of waste, or certain types of waste, will not be permitted".

Under this authority and in order to achieve water quality objectives, protect present and future beneficial water uses, protect public health, and prevent nuisance, the California Regional Water Quality Control Board, North Coast Region, declares that waste discharges, except as stipulated by the Thermal Plan, are prohibited in the following locations within the North Coastal Basin:

- C. The ~~Mad,~~ and ~~and~~ and ~~Russian~~ Rivers during the period 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."

Delete Action Plan for the Santa Rosa area (deleted language is shown with strikeover):

- ~~Action Plan for the Santa Rosa area~~
- ~~Secondary treatment of all municipal wastes in the Santa Rosa area shall be provided by 1977.~~

- There shall be no discharge of waste to the Russian River during the period of May 15 through September 30, and for all other periods when the flow of the Russian River, as measured at Healdsburg (USGS Gage No. 11-4640.00) is less than 1,000 cfs. Wintertime flows will be discharged only if effluent meets all limitations called for in waste discharge requirements and NPDES permits issued by the Regional Board.
- Specifically, the Cities of Santa Rosa, Rohnert Park, Covati, and Sebastopol and the County of Sonoma shall utilize the Laguna Wastewater Treatment Plant to the maximum extent practicable for the treatment and disposal of municipal wastes. The Laguna plant will be expanded to provide additional secondary treatment capacity and summertime land disposal of wastes by 1977.
- Sewage treatment facilities at Windsor and the Sonoma County Airport should provide secondary treatment and summertime or year-round land disposal by 1977.
- An agreement for joint utilization of the City of Santa Rosa's Laguna Wastewater Treatment Plant by Rohnert Park-Covati, Sebastopol, and Sonoma County has been drafted and is expected to be finalized and signed immediately. Financing arrangements will be included as part of the final agreement.

Add an interim Action Plan for the Russian River as follows (added language is underlined):

Interim Action Plan (1986 - 1990) for the Russian River Basin:

On or before July 1, 1990, the Regional Board will formally review this interim action plan and may revoke authority to discharge under the provisions of the plan or may extend the interim compliance date providing the City of Santa Rosa demonstrates to the Board reasonable progress on the City's stated goal to eliminate direct disposal of treated waste in the Russian River.

1. There shall be no discharge of waste to the Russian River during the period of May 15 through September 30 each year.
2. There shall be no discharge of waste to the Russian River from the Laguna Regional Sewage Treatment Facility during the period of October 1 to May 14 each year except as follows:
 - a. To the extent possible, only advanced treated wastewater* shall be discharged. However, discharges of secondary treated wastewater* meeting a median total coliform level of 23 MPN/100 ml from the Laguna Regional Sewage Treatment and Disposal Facilities may be discharged at rates not exceeding one percent of the flow of the Russian River. In any year, there shall be no discharge of secondary treated wastewater to the Russian River when the flow of the River as measured at Guerneville (USGS Gage No. 11-4670.00) is less than 1,000 cfs. In instances when secondary treated wastewater is discharged, the discharger shall submit a report documenting the reasons for such discharges. In no case when

secondary treated wastewater is discharged in combination with advanced treated wastewater shall the total discharge exceed one percent of the flow of the Russian River.

- b. Discharges of secondary treated wastewater meeting a median total coliform level of 23 MPN/100 ml from other dischargers to the Russian River or its tributaries shall not exceed one percent of the flow of receiving waters.
- c. Discharge of advanced treated wastewater from the Laguna Regional Treatment and Disposal Facilities to the Russian River may be permitted when all the following conditions are met;
 - 1) Such discharge shall meet a median total coliform level of 2.2 MPN/100 ml;
 - 2) In any year, discharge shall not commence until after the flow of the Russian River initially reaches 1,000 cfs as measured at Guerneville (USGS Gage No. 11-4670.00) or until authorized by the Regional Board or its Executive Officer. Such authorization shall be based on evidence that justifies the necessity for the discharge and that shows that all beneficial uses of the Russian River and tributaries will continue to be protected. The discharger shall document that system inflow has not exceeded the 1985 dry weather average plus incremental inflows not exceeding any irrigation and/or storage capacity added since 1985. Under wintertime (October 1 - May 14) drought conditions when the flow of the Russian River is less than 1,000 cfs, the Regional Board or its Executive Officer may suspend authorization to discharge waste, if necessary, to protect the beneficial uses of the Russian River or its tributaries.
 - 3) Such discharge shall be limited to one percent of the flow of the Russian River except under the following conditions:
 - a) Discharges exceeding one percent of the flow of the Russian River shall be made in accordance with operating procedures to be incorporated into the NPDES permit for the Laguna Regional Wastewater Treatment Facilities. These operating procedures shall be designed to minimize the number of occasions of discharge above one percent, to minimize the rate of discharge to the lowest percentage practicable, and to minimize the total volume of effluent discharged.
 - b) In such instances, the discharger shall provide a report to the Executive Officer documenting the reasons for increased waste discharges. The report shall include the dates, rates, and volumes of waste discharges and the circumstances necessitating such discharges and documentation that all beneficial uses of the Russian River and tributaries will be protected and that system inflow has not exceeded the 1985 dry weather average plus incremental inflow not exceeding any irrigation and/or storage capacity added since 1985.

- 4) In no case shall any discharge of advanced treated wastewater exceed five percent of the flow of the Russian River.

* Advanced treated wastewater and secondary treated wastewater shall be defined in effluent limitations contained in the NPDES permit for the City of Santa Rosa College Avenue and Laguna Regional Wastewater Treatment Plants.

Certification

I, Benjamin D. Kor, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, North Coast Region, on June 27, 1986.

Benjamin D. Kor
Executive Officer