CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 93-106
NPDES PERMIT NO. CA0029921

WASTE DISCHARGE REQUIREMENTS FOR:

CITY/COUNTY ASSOCIATION OF GOVERNMENTS (C/CAG) OF SAN MATEO COUNTY, SAN MATEO COUNTY, TOWN OF ATHERTON, CITY OF BELMONT, CITY OF BRISBANE, CITY OF BURLINGAME, TOWN OF COLMA, CITY OF DALY CITY, CITY OF EAST PALO ALTO, CITY OF FOSTER CITY, CITY OF HALF MOON BAY, TOWN OF HILLSBOROUGH, CITY OF MENLO PARK, CITY OF MILLBRAE, CITY OF PACIFICA, TOWN OF PORTOLA VALLEY, CITY OF REDWOOD CITY, CITY OF SAN BRUNO, CITY OF SAN CARLOS, CITY OF SAN MATEO, CITY OF SOUTH SAN FRANCISCO, AND THE TOWN OF WOODSIDE, which have joined together to form the SAN MATEO COUNTYWIDE STORMWATER POLLUTION PREVENTION PROGRAM

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter referred to as the Regional Board) finds that:

1. City/County Association of Governments of San Mateo County, San Mateo County, and the 20 cities and towns in the County which include the Town of Atherton, City of Belmont, City of Brisbane, City of Burlingame, Town of Colma, City of Daly City, City of East Palo Alto, City of Foster City, City of Half Moon Bay, Town of Hillsborough, City of Menlo Park, City of Millbrae, City of Pacifica, Town of Portola Valley, City of Redwood City, City of San Bruno, City of San Carlos, City of San Mateo, City of South San Francisco, and the Town of Woodside (hereinafter Dischargers) have joined together to form the San Mateo Countywide Stormwater Pollution Prevention Program (hereinafter the Program), and have submitted an NPDES permit application package, dated June 18, 1993, for issuance of Waste Discharge Requirements under the National Pollutant Discharge Elimination System (NPDES) to implement a "Stormwater Management Plan" for the San Mateo Countywide Stormwater Pollution Prevention Program dated June 18, 1993 (hereinafter the Plan). The application and Plan were amended by submittals dated August 25, 1993.

2. The permit application included the Plan which describes all group activities and entity specific activities. The Plan also describes measures that are included and how they are organized. It lists tasks required to accomplish the measures, the schedule for implementation and specific goals. The schedule and tasks are projected for the 5-year permit period.

3. The Dischargers have jurisdiction over and/or maintenance responsibility for storm drains and watercourses in San Mateo County. Discharge consists of rainfall runoff generated from various land uses which either discharge directly to San Francisco Bay, to watercourses tributary to San Francisco Bay, or to the Pacific Ocean. The major east side drainage basins in San Mateo County are the Colma Creek Basin, the San Mateo Creek Basin, and the San Francisquito Creek Basin. The major west side drainage basins include the San Pedro Creek Basin, the Pilarcitos Creek Basin, the San Gregorio Creek Basin, and the Pescadero Creek Basin. There are a number of other smaller watersheds, particularly in the western part of the County.

4. San Mateo County encompasses approximately 600 square miles of land bordering the West Bay Shoreline of San Francisco Bay. The total population of San Mateo County is approximately 600,000 according to the 1990 census results. Land use in the county ranges from highly industrialized areas to large segments of open space, agricultural and undeveloped lands. Most rainfall is received in winter months.

5. The Regional Board amended its Water Quality Control Plan (Basin Plan) for the San Francisco Bay Region on September 16, 1992. The State Water Resources Control Board (hereinafter the State Board) approved the Basin Plan on April 27, 1993. The Basin Plan requires local agencies in San Mateo County to investigate sources of pollutants in urban runoff, estimate pollutant loads, and evaluate and implement control measures. The provisions of this permit are consistent with the amended Basin Plan.

6. The Basin Plan lists the following existing beneficial uses for the Pacific Ocean, Central, Lower, and South San Francisco Bay, and tributary streams and contiguous water bodies within the drainage basin as follows:

   a. Industrial Service Supply
   b. Industrial Process Supply (Central Bay only)
   c. Navigation
   d. Water Contact Recreation
   e. Non-contact Water Recreation
   f. Ocean Commercial and Sport Fishing
   g. Wildlife Habitat
   h. Preservation of Rare and Endangered Species
   i. Fish Migration
   j. Fish Spawning (Central Bay an existing use; Lower and South Bay a potential use)
   k. Shellfish Harvesting
   1. Estuarine Habitat (Bay only)
   m.Marine Habitat (Pacific Ocean)

7. In December 1991, representatives from San Mateo County and the 20 cities and towns in San Mateo County met with Regional Board staff to determine how to comply with the Basin Plan requirements. Subsequently, a Technical Advisory Committee was established and Daly City was assigned the role of coordinating and managing the program.

8. Section 402(p) of the Clean Water Act (CWA), as amended by the Water Quality Act of 1987 (WQA), requires NPDES permits for storm water discharges from separate municipal storm

drain systems and prohibits non-storm water discharges into these systems. On November 16, 1990, EPA published regulations for storm water discharges pursuant to Section 402(p) of the CWA. The Plan submitted in the permit application package was prepared to meet the Regional Board's Basin Plan requirements and to satisfy EPA's regulations on applying for a NPDES permit for storm water discharges from separate municipal storm drain systems.

9. The Plan provides the basis of a phased and tiered approach over the next five year period to reduce the discharge of pollutants to municipal storm drains to the maximum extent practicable. The Plan emphasizes pollution prevention activities through the following major program components:

   - Overall Program Management
   - Public Information/Participation
   - New Development and Construction Site Controls
   - Municipal Government Activities
   - Illicit Discharge Identification and Elimination
   - Control of Pollutants from Commercial and Industrial Business
   - Collaborative Monitoring
   - Legal Authority
   - Evaluation of Controls

10. The Plan emphasizes incorporating stormwater pollutant controls into established programs as much as possible in order to maximize the use of existing resources, to minimize the risk of creating redundant and overlapping regulatory programs, and to expedite implementation of the Plan.

11. The Plan is an integral and enforceable component of this Order. The title page and table of contents of the Plan are included in Attachment A of this Order. The Plan and other information contained in the Dischargers' application package are found by the Regional Board to generally satisfy EPA's NPDES permit application requirements for municipal storm water discharges. Due to numerous recent amendments to the Plan, clarifying tabular summary time schedules for implementing the Plan are needed. This Order requires submittal of additional amendments to the Plan to address implementation schedules.

12. The roles and responsibilities of the Dischargers in implementing the Program are described

    a. Cities and San Mateo County (unincorporated areas): are responsible for adopting and enforcing ordinances and implementing recommended pollutant control measures for the control of the discharge of pollutants to their municipal storm drains and conveyance systems that they own and operate. The pollutant control measures are described in the Plan. The Regional Board in exercising its enforcement discretion will, wherever possible, take action only against the individual Dischargers responsible for specific violations of this Order.

    b. General Program: comprises activities described in the Plan which provide a benefit to the Dischargers as a group. These activities include such things as monitoring, some aspects of public information and participation, and compiling and coordinating annual report

submittals to the Regional Board, etc.

c. City/County Association of Governments (C/CAG): is responsible for administering the General Program activities.

13. The State Water Resources Control Board has issued NPDES permits for stormwater discharges associated with industrial and construction activity. The Regional Board intends to issue a NPDES permit for stormwater discharges to CALTRANS, and also will consider issuing separate NPDES stormwater permits to such federal, state or regional entities (such as San Francisco International Airport, etc.) in San Mateo County which may not be subject to direct regulation by the Dischargers.

14. The Dischargers may petition the Regional Board to require a separate NPDES permit of any discharger of non-storm water into storm drain systems that they own and operate which does not comply with requirements established by the Dischargers.

15. The issuance of waste discharge requirements for this discharge and the implementation of all pollutant control measures described in the Plan are exempt from the provisions of the California Environmental Quality Act (CEQA); Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code in accordance with Section 13389 of the California Water Code and as provided in categorical exemption classes 1, 4, 5, 7, 8, 9, and/or 21 of the CEQA Guidelines (Title 14, California Code of Regulations Sections 15301-15329).

16. The Regional Board will notify interested agencies and interested persons of the availability of reports, plans, and schedules submitted in response to requirements of this Order and may provide them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations. The Board will consider all comments and may modify the reports, plans, or schedules or may modify this Order accordingly.

17. The Regional Board has notified the Dischargers and interested agencies and interested persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.

18. The Regional Board, at a properly noticed public meeting, heard and considered all comments pertaining to the discharge.

19. This Order serves as a National Pollutant Discharge Elimination System (NPDES) Permit pursuant to Section 402 of the Clean Water Act, or amendments thereto, and shall become effective ten days after the date of its adoption provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED that the Dischargers, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder and the provisions of the CWA as amended and regulations and guidelines adopted thereunder, shall comply with the following:

A. Discharge Prohibitions

1. The Dischargers shall effectively prohibit discharge of non-stormwater through their systems into waters of the United States. NPDES permitted non-stormwater discharges are exempt from this prohibition. The non-storm water discharges listed below need not be prohibited provided such sources are identified and appropriate control measures to minimize the impacts of such sources are developed under the plan. However, dischargers of such non-stormwater discharges may need to obtain NPDES permits.

   (1) water line flushing;
   (2) landscape irrigation;
   (3) diverted stream flows;
   (4) rising ground waters;
   (5) uncontaminated groundwater infiltration (as defined at 40 CFR 35.2005(20)) to separate storm sewers;
   (6) uncontaminated pumped groundwater;
   (7) discharges from potable water sources;
   (8) foundation drains;
   (9) air conditioning condensate;
   (10) irrigation water;
   (11) springs;
   (12) water from crawl space pumps;
   (13) footing drains;
   (14) lawn watering;
   (15) individual residence car washing;
   (16) flows from riparian habitats and wetlands;
   (17) dechlorinated swimming pool discharges;
   (18) discharges or flows from emergency fire fighting activities.

2. The discharge of stormwater containing pollutants which have not been reduced, through measures identified in the plan, to the maximum extent practicable is prohibited.

B. Receiving Water Limitations

1. The discharger shall not cause the following conditions to create a condition of nuisance or to adversely affect beneficial uses of waters of the State.

a. Floating, suspended, or deposited macroscopic particulate matter, or foam;

b. Bottom deposits or aquatic growths;

c. Alteration of temperature, turbidity, or apparent color beyond present natural background

levels;

d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;

e. Toxic or deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.

2. The discharge shall not cause a violation of any applicable water quality objective for receiving waters contained in the California Ocean Plan, Inland Surface Water Plan, Enclosed Bays and Estuaries Plan, the Regional Board's Basin Plan. If different applicable water quality objectives are adopted after the date of adoption of this Order, the Board may revise and modify this Order as appropriate.

C. Provisions

1. The Dischargers shall demonstrate compliance with Discharge Prohibitions A.1 and A.2 and Receiving Water Limitations B.1 and B.2 through the timely implementation of control measures and other actions to reduce pollutants in the discharge in accordance with the Plan and any of its modifications, revisions, or amendments. The Plan is an enforceable component of this order. Each of the Dischargers need only comply with permit conditions (including Discharge Prohibitions A.1. and A.2 and Receiving Water Limitations B.1 and B.2) as to discharges from the municipal separate storm drains for which they are operators.

2. Each Discharger shall adopt requirements as described in the Plan that effectively prohibit non-stormwater discharges into the storm drains and require controls to reduce the discharge of pollutants to the maximum extent practicable.

3. The Dischargers shall submit by September 1 of each year an annual technical report which documents the status of all of the general program and individual tasks contained in the Plan. The annual fiscal year-end report will be a detailed compilation of all of the deliverables and milestones completed as described in the Plan. On an annual basis, each Discharger shall conduct an evaluation of the effectiveness of its own entity specific activities. Measures of effectiveness include, but are not limited to, quantitative monitoring to assess the effectiveness of control measures, detailed accounting of program accomplishments, funds expended, and staff hours utilized. This annual report shall provide an overall evaluation of the program and set forth plans and schedule of implementation for the upcoming year. By April 1 of each year, the Dischargers shall submit a report outlining the format for the upcoming annual report. This report shall contain information on how, and to what detail, Program status will be reported.

4. It is anticipated that the Plan may need to be modified, revised, or amended from time to time to respond to changed conditions and to incorporate more effective approaches to pollutant control. Requests for changes may be initiated by the Regional Board's Executive Officer or by the Dischargers. Minor changes may be made with the Executive Officer's approval and will be brought to the Board as information items. Such proposed changes shall be submitted to the Regional Board as technical reports as needed. If proposed changes imply a major

amendment in the overall scope of effort of the program, such changes would be brought before the Regional Board as permit amendments.

5. The Plan shall be amended as follows:

   a. No later than November 15, 1993 the Dischargers shall submit a Plan amendment acceptable to the Executive Officer which summarizes in a tabular format all time schedules contained in the Plan.

   b. No later than December 15, 1993 the Dischargers shall submit a Plan amendment acceptable to the Executive Officer which summarizes how, and in what timeframe, the Program will coordinate its management efforts with those of the Bay Area Air Quality Management District, the San Mateo County Congestion Management Agency, and the San Mateo County Transit Agency to select effective transportation control measures in order to reduce pollutant loadings from urban transportation to stormwater.

6. This Order may be modified, or alternately, revoked or reissued, prior to the expiration date as follows:

   a. to address changed conditions identified in the required technical reports or other sources deemed significant by the Regional Board;

   b. to incorporate applicable requirements of statewide water quality control plans adopted by the State Board or amendments to the Basin Plan; or

   c. to comply with any applicable requirements, guidelines, or regulations issued or approved under Section 402(p) of the CWA, if the requirement, guideline, or regulation so issued or approved contains different conditions or additional requirements not provided for in this Order. The Order as modified or reissued under this paragraph shall also contain any other requirements of the CWA then applicable.

7. All applications, reports, or information submitted to the Board shall be signed and certified pursuant to EPA regulations 40CFR122.41(k).

8. This Order expires on September 15, 1998. The Dischargers must file a Report of Waste Discharge in accordance with Title 23, California Code of Regulations, not later than 180 days in advance of such date as application for reissuance of waste discharge requirements.

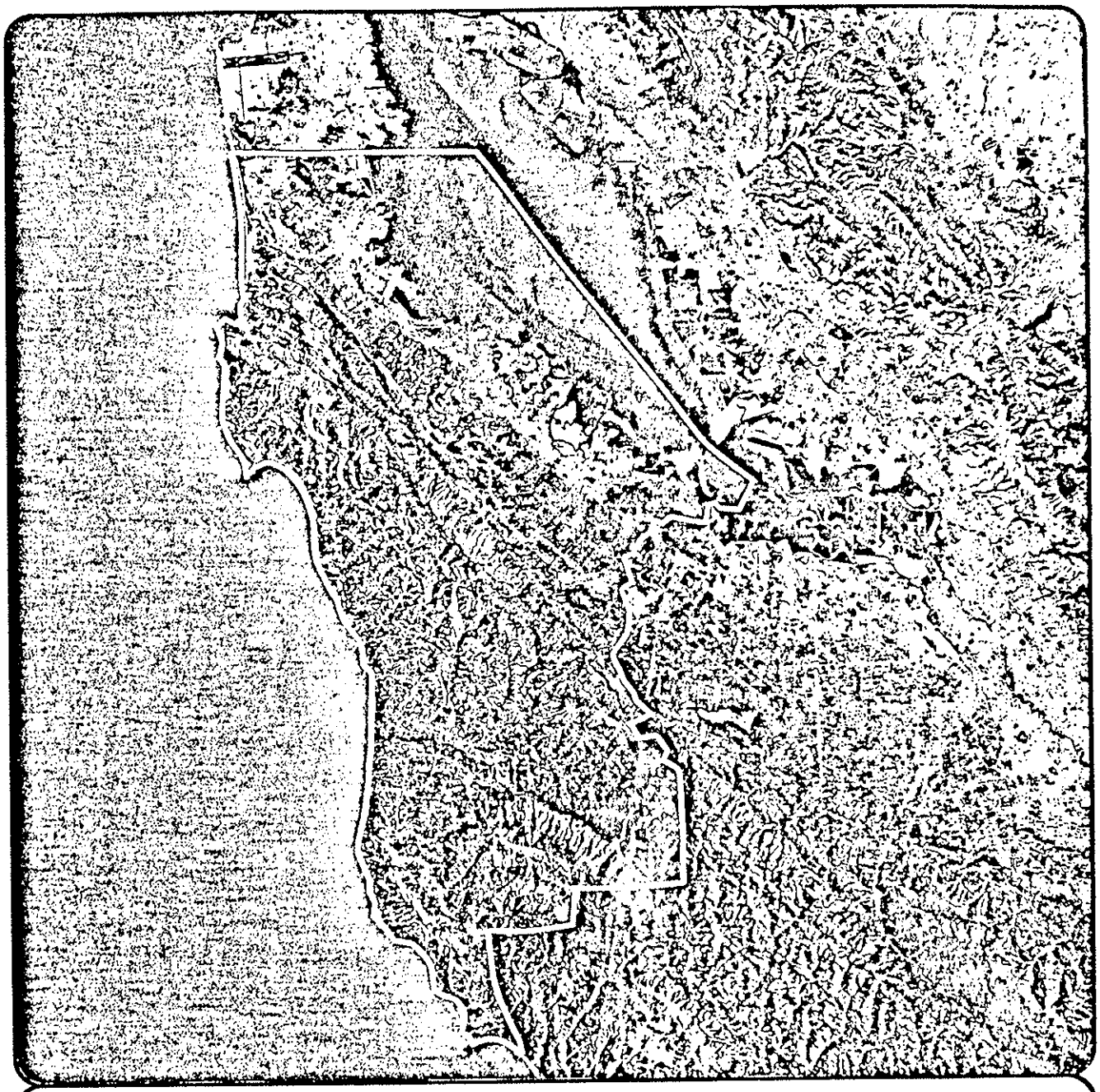
I, Steven R. Ritchie, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on September 15, 1993.

Lorette Barsamian for
Steven R. Ritchie
Executive Officer

ATTACHMENT A - TITLE PAGE, TABLE OF CONTENTS
SAN MATEO COUNTY STORMWATER MANAGEMENT PLAN

ATTACHMENT A

SAN MATEO COUNTY
STORM WATER MANAGEMENT PLAN
1993 - 1998



Participants:

Atherton
Belmont
Brisbane
Burlingame
Colma
Daly City
East Palo Alto
Foster City
Half Moon Bay
Hillsborough
Menlo Park
Millbrae
Pacifica
Portola Valley
Redwood City
San Bruno
San Carlos
San Mateo
San Mateo County
So. San Francisco
Woodside

92P0332A/MIPAQUEO/INV-106/6-93

SAN MATEO COUNTY
STORM WATER MANAGEMENT PLAN
1993 - 1998

This Plan is being submitted by:

The City/County Association of Governments of
San Mateo County

in conjunction with

The City Managers' NPDES Subcommittee
&
The NPDES Technical Advisory Committee

For Submission to:

The San Francisco Bay Regional
Water Quality Control Board

June 18, 1993

This Plan was prepared by:

Woodward-Clyde Consultants
500 12th Street, Suite 100
Oakland, CA 94607

&

EOA, INC.
Eisenberg, Olivieri, & Associates, Inc
1410 Jackson Street
Oakland, CA 94612

TABLE OF CONTENTS

Section		Page
EXECUTIVE SUMMARY		ES-1
1.0	INTRODUCTION	1-1
2.0	OVERALL PROGRAM MANAGEMENT	2-1
3.0	MUNICIPAL GOVERNMENT MAINTENANCE	3-1
4.0	CONTROL OF POLLUTANTS FROM COMMERCIAL AND INDUSTRIAL BUSINESS	4-1
5.0	PUBLIC INFORMATION AND PARTICIPATION	5-1
6.0	NEW DEVELOPMENT AND CONSTRUCTION SITE CONTROLS	6-1
7.0	ILLICIT DISCHARGE IDENTIFICATION	7-1
8.0	COLLABORATIVE MONITORING	8-1
9.0	LEGAL AUTHORITY	9-1
10.0	EVALUATION OF CONTROLS	10-1

LIST OF APPENDICES

A	MUNICIPAL GOVERNMENT MAINTENANCE ACTIVITIES BMPs	A-1
B	CONTROL OF POLLUTANTS FROM COMMERCIAL AND INDUSTRIAL BUSINESSES BMPs	B-1
C	CONSTRUCTION AND NEW DEVELOPMENT BMPs	C-1
D	ILLICIT DISCHARGE IDENTIFICATION AND ELIMINATION BMPs	D-1