State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI 7388

FOR

STORM WATER MANAGEMENT/URBAN RUNOFF DISCHARGES
FOR
VENTURA COUNTY FLOOD CONTROL DISTRICT,
COUNTY OF VENTURA, AND THE CITIES OF VENTURA COUNTY

NPDES PERMIT NO. CAS004002

I. Program Reporting Requirements

A. The Discharger shall submit, by October 1, 2000, the Annual Storm Water Report and Assessment for the period July 1, 1999, through July 27, 2000 documenting the status of the general program up to permit reissuance and the results of analyses from the monitoring and reporting program.

B. The Discharger shall submit, by October 1 of each year beginning the year 2001, an Annual Storm Water Report and Assessment documenting the status of the general program and individual tasks contained in the Ventura County SMP, and an integrated summary of the results of analyses from the monitoring program described under *II. Monitoring Requirements*.

The Annual Storm Water Report and Assessment shall include any proposed changes to the Ventura County SMP as approved by the Management Committee. The Annual Storm Water Report and Assessment Report shall cover each fiscal year from July 1 through June 30. At a minimum, the annual report will include the following:

Program Management

1. A comparison of program implementation results to performance standards established in the Ventura County SMP;

2. Status of compliance with permit requirements including implementation dates for all time-specific deadlines. If permit deadlines are not met, the Discharger shall report the reasons why the requirement was not met, how the requirements will be met in the future, including projected implementation date;

3. An assessment of the effectiveness of Ventura County SMP requirements to reduce storm water pollution. This assessment will be based upon the specific record-keeping information requirement in each major section of the permit,

monitoring data, and any other data the Discharger has, or is aware of that provides information on program effectiveness. Beginning in the Year 2003, to the extent data collected in monitoring requirements included herein allows, the discharger shall include an analysis of trends, land use contributions, pollutant source identifications, BMP effectiveness, and impacts on beneficial uses.

4. An analysis of the data to identify areas of the Program coverage which cause or contribute to exceedances of water quality standards or objectives, predominate land uses in these areas, and potential sources of pollutants in those areas;

5. Discussion of the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with the waste discharge requirements.

Programs for Residents

6. Number of storm drain inlets and signs in the Co-permittees' systems that are marked or posted with a no dumping message. Percent of total system marked/signed;

7. Description of activities on distributing brochures, community outreach efforts, public communication efforts and educational programs in schools including an estimate of the number of impressions per year made on the general public about storm water quality via print, local TV access, local radio presentations, meetings or other appropriate media;

Programs for Industrial / Commercial Businesses

8. Number of automotive, food facility and industrial facilities targeted under the program. During the past year, the number of industrial and commercial site visits conducted and the number of outreach contacts made and the number of industrial facilities the Co-permittees have identified that have failed to file an NOI;

9. An annual update of a database of industrial/commercial facilities identified as subject to the State Board General Industrial Permit. The database shall include at a minimum: facility name, site address, SIC code, and NPDES storm water permit coverage status, if applicable;

10. The percentage of targeted staff trained annually;

Programs for Planning and Land Development

11. The percentage of total development projects reviewed for storm water and conditioned to meet SQUIMP requirements in the previous year;

12. The scheduled date of significant rewrite of the Co-permittees' General Plan;

13. Description of activities on distributing brochures, outreach efforts, communication efforts including an estimate of the number of contacts made to the land development community about storm water quality via print, meetings or other appropriate venues.

14. The percentage of targeted staff trained annually;

Programs for Construction Sites

15. Number of construction projects requiring SWPCPs in the past year and the percentage of projects in categories requiring submittal of a SWPCP for which SWPCPs were completed;

16. Number and type of enforcement actions, applicable to storm water enforcement, taken at construction sites during the past year;

17. Description of the outreach program to the construction community and assessment of its effectiveness; This assessment should include a discussion of the number of inspections, site visits, or other meetings conducted;

18. The percentage of targeted staff trained annually;

Programs for Illicit Discharge and Illegal Connection Control

19. Number of reports of illicit discharges that Co-permittees responded to, percentage that were identified as actual illicit discharges, and percentage of the actual illicit discharges where the incident was either cleaned up, referred to another responsible agency and/or follow up/education with the discharger was conducted;

20. For groups of identified illicit discharge types where the probable causes for the discharge can be identified, report probable causes and the actions taken to prevent similar discharges from occurring;

21. Number of illicit connections identified in the past year;

22. Number of illicit connections eliminated in the past year;

23. Number and type of enforcement actions for storm water illicit discharges and/or illicit connections taken in the past year;

24. A summary from records on illicit discharges and connections which includes type of material, type of source, date of initial inspection, enforcement action taken, date of follow-up inspection, date of conclusion/clean up/removal/ follow

up/education;

Programs for Facilities Maintenance

25. A summary which at a minimum includes the quantity, predominant types and likely sources of trash removed from catch basin inlets;

26. A summary of the total curb miles of streets swept annually and the percentage of total curb miles swept annually as a function of total curb miles;

27. The percentage of targeted staff trained annually; and,

Pollutants of Concern

28. A progress report on sources of Pollutants of Concern (POCs), BMPs for their control, and implemented BMP effectiveness.

B. The Discharger shall submit a Storm Water Monitoring Report on July 15, 2001, and annually on July 15, thereafter. The report shall include:

1. status of implementation of the monitoring program;
2. results of the monitoring program;
3. a general interpretation of the results;
4. both tabular and graphical summaries of the monitoring data obtained during the previous year; and

The Discharger shall submit, by October 1, 2000, the results of analyses from the monitoring and reporting program for the period July 1, 1999 through July 27, 2000 together with the Annual Report for the same period.

C. All applications, reports, or information submitted to the Regional Board shall be signed and certified pursuant to EPA regulations 40 CFR 122.41 (k). Each report shall contain the following completed declaration:

"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 a fine and imprisonment for knowing violations.

Executed on the ___ day of _____ , 19__,

at _____.

(Signature)_____(Title)_____";

Co-permittee submittals to the Principal Co-permittee shall also be signed and certified pursuant to EPA regulations 40 CFR 122.41 (k).

D. The Discharger shall mail the original of each annual report to:

INFORMATION TECHNOLOGY
CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD - LOS ANGELES REGION
320 W. 4TH STREET, SUITE 200
LOS ANGELES, CA 90013

A copy of the annual report shall also be mailed to:

REGIONAL ADMINISTRATOR
ENVIRONMENTAL PROTECTION AGENCY
REGION 9
75 Hawthorne Street
San Francisco, CA 94105

II. Monitoring Requirements

A. The Discharger shall implement the Countywide Monitoring Plan, as described in Chapter 6 of the Report of Waste Discharge (ROWD), which addresses discharge characterization (outfall monitoring), receiving water and watershed monitoring. To achieve this, the Discharger shall:

1. Conduct land use monitoring as shown in the summary table shown below:

Monitoring Station	*Minimum Number Events (per year)*	*Sample Type*	*Constituents*[1]
A-1, Wood Road	1[2]	Automated composite and grab samples	Metals Organics Conventional Inorganics Microbiological Toxicity and TIEs[3]
R-1, Swan St.[3]	3 Per Permit Term	Automated composite and grab samples	Metals Organics Conventional Inorganics Microbiological Toxicity and TIEs[3]
I-2, Ortega St.[3]	3 Per Permit Term	Automated composite and grab samples	Metals Organics Conventional Inorganics Microbiological Toxicity and TIEs[3]

1 The list of specific constituents, analytical methods, detection limits, and holding times is included in Attachment to the Monitoring and Reporting Program No. 7388.
2 A maximum of 5 events shall be monitored during the permit term.
3 Toxicity monitoring shall occur during at least one storm per year until baseline information has been collected, and then be discontinued. A Toxicity Identification Evaluation (TIE) shall be performed when acute toxicity results are greater than 1 TUa. Freshwater acute toxicity test shall be conducted on the most sensitive of the two species - Fathead minnow and Ceriodaphnia.

2. Conduct receiving water and watershed monitoring:

   a. For Revolon Slough the following monitoring program shall be implemented:

Monitoring Station	*Minimum Number of Events (per year)*	*Type of Sample*	*Constituents*[1]
W-3, La Vista Drain	1[2]	Automated composite and grab samples	Metals Organics Conventional Inorganics Microbiological Toxicity and TIEs[3]
W-4, Revolon Slough @ Wood Road	1[2]	Composite and grab samples	Metals Organics Conventional Inorganics Microbiological Toxicity and TIEs[3]

1 The list of specific constituents, analytical methods, detection limits, and holding times is included in Attachment to the Monitoring and Reporting Program No. 7388.
2. A maximum of 5 events shall be monitored during the permit term.

Toxicity monitoring shall occur during at least 1 storm event a year until baseline information has been collected, and then be discontinued. A Toxicity Identification Evaluation (TIE) shall be performed when acute toxicity results are greater than 1 TUa. Freshwater acute toxicity test shall be conducted on the most sensitive of the two species - Fathead minnow and Ceriodaphnia.

b. The Discharger shall participate as part of the Federal 205(j) grant non-point source grant study of the Calleguas Creek watershed;

c. The Principal Co-permittee shall participate in appropriate water quality meetings of watershed management planning, including the Santa Clara River Enhancement and Management Plan, the Calleguas Creek Watershed Management Plan, and the Steelhead Restoration and Recovery Plan;

d. The Discharger shall participate with the Southern California Coastal Water Research Project (SCCWRP) in storm water studies, as set forth in the signed Memorandum of Agreement.

e. The Discharger shall participate in the development and implementation of volunteer monitoring programs in the Ventura Coastal watersheds.

f. The Discharger shall develop a work plan for an instream bioassessment monitoring program and submit it to the Regional Board Executive Officer for approval no later than January 27, 2001. On approval by the Regional Board Executive Officer, the Discharger shall implement the instream bioassessment monitoring program, and submit the results with the Annual Monitoring Report. The bioassessment program shall include an analysis of the community structure of the instream macroinvertebrate assemblages in urban runoff-impacted stream segments at experimental sites. The Discharger shall make all efforts to locate such sites in the Ventura River, but if they are not available then the Discharger may consider other watersheds.

g. The Discharger shall monitor a total of three mass emission stations to establish baseline conditions and load estimates, for the Ventura River and Calleguas Creek, beginning with the 2000-2001 monitoring season, and for the Santa Clara River beginning with the 2001-2002 monitoring season. Up to six station events per year, including a minimum of two dry weather samples must be monitored. All samples for mass emissions may be taken with an automatic sampler except for the following constituents: (i) pathogen indicators; and (ii) oil and grease. The constituents to be analyzed and their detection limits are listed in Attachment 1. If a constituent is not detected at the method detection limit (MDL) for its respective test in more than 75 percent of the first 48 sampling events, it will not be further analyzed unless the observed occurrences show concentrations greater than state water

quality standards. The Discharger will also conduct annual confirmation sampling for non-detected constituents at each station for as long as the station is monitored. Chronic toxicity tests shall be conducted using the most sensitive marine species for two wet weather events (preferably the first significant storm and one other event) and one dry weather flow sample per monitoring season. Toxicity Identification Evaluations (TIEs) shall be conducted when toxicity manifests in:
(1) two consecutive wet weather samples , or;
(2) any dry weather flow sample.

h. An update of the Watershed Management Model (WMM) may be required by the Regional Board Executive Officer based on the needs of TMDL development. The Regional Board will assist the Discharger in identifying fund sources to assist in the implementation of this requirement, if invoked.

B. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

C. The Discharger shall retain records of all monitoring information, including all calibration and maintenance of monitoring instrumentation, copies of all reports required by this Order, and records of all data used to complete the Report of Waste Discharge and application for this Order, for a period of at least five(5) years from the date of the sample, measurement, report, or application. This period may be extended by request of the Regional Board or EPA at any time and shall be extended during the course of any unresolved litigation regarding this discharge.

D. Records of monitoring information shall include:

1. The date, exact place, and time of sampling or measurements;

2. The individual(s) who performed the sampling or measurements;

3. The date(s) analyses were performed;

4. The individual(s) who performed the analyses;

5. The analytical techniques or methods used; and,

6. The results of such analyses.

E. All sampling, sample preservation, and analyses must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this Order.

F. All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by an appropriate governmental regulatory agency.

G. If no flow occurred during the reporting period, the monitoring report shall so state.

H. For any analyses performed for which no procedure is specified in the EPA guidelines or in this Monitoring and Reporting Program, the constituent or parameter analyzed and the method or procedure used must be specified in the monitoring report.

I. Whenever feasible, all MDLs shall be less than California Toxic Rule and Ocean Plan standards. If this is not feasible, the Discharger shall use analytical methods with the lowest MDL.

J. The Regional Board Executive Officer or the Regional Board, consistent with 40 CFR 122.41, may approve changes to the Monitoring and Reporting Program, after providing the opportunity for public comment, either:

a. By petition of the Discharger or by petition of interested parties after the submittal of the Annual Monitoring Program Report. Such petition shall be filed not later than 60 days after the Annual Monitoring Program Report submittal date, or
b. As deemed necessary by the Regional Board Executive Officer following notice to the Discharger.

III. Program Evaluation

A. All Co-permittees shall perform a self-audit to verify implementation of the Ventura County SMP through January 1 of each year and report the results of the self-audit to the principal Co-permittee by February 1, 2001, and annually thereafter.

B. All Co-permittees shall submit program evaluation results, in a standardized format, to the principal Co-permittee by August 1, 2001, and annually thereafter.

The above monitoring and reporting program, or subsequent modification thereto, shall become effective when Order No. 00-108 is adopted. All reports shall be signed by a responsible officer or duly authorized representative (as specified in 40 CFR Section 122.22) of the Discharger and submitted under penalty of perjury.

Ordered by:

The Original signed by

Ventura County Municipal Storm Water
Monitoring and Reporting Program No. CI-7388

NPDES Permit No. CAS004002

Dennis A. Dickerson
Executive Officer

Date: July 27, 2000