

THE COUNTY OF ORANGE AND THE ORANGE COUNTY FLOOD CONTROL DISTRICT



2003 DAMP APPENDIX C

PROGRAM EFFECTIVENESS ASSESSMENT



NOVEMBER, 2003

"FINDING SOURCES OF POLLUTION AND ABATING THEM"





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Acronyms

303(d)	EPA List of Impaired Waters
ACL	Administrative Civil Liability
ACO	Administrative Compliance Order
AI	Authorized Inspectors
APWA	American Public Works Association
ASBS	Area of Special Biological Significance
AQMD	Air Quality Management District
BAT	Best Available Technology
BCT	Best Conventional Technology
BIA	Building Industry Association
BMP	Best Management Practice
CAP	Household Hazardous Waste Community Awareness Program
CAR	Critical Aquatic Resources
CC&Rs	Covenants, Codes & Restrictions
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CHP	California Highway Patrol
CIA	Common Interest Areas
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
DA	District Attorney
DAMP	Drainage Area Management Plan
DCIA	Directly Connected Impervious Area
DHS	Department of Health Services
DMV	Department of Motor Vehicles
DOT	Department of Transportation
DTSC	California Department of Toxic Substance Control
EA	Enforcing Attorney
ECG	Enforcement Consistency Guide
EHS	Environmental Health Services
EOC	Emergency Operations Center
EPA	Environmental Protection Agency
EPR	Environmental Performance Reporting
EPS	Engineering & Permit Services
ERP	Enforcement Response Plan
ESA	Environmentally Sensitive Area
F&G	California Department of Fish & Game
GIS	Geographic Information System
GPS	Global Positioning System
HAZMAT	Hazardous Materials
HCA	Health Care Agency
HHW	Household Hazardous Waste
HMI	Hazardous Materials Incident
HOA	Homeowner's Association
HWI	Hazardous Waste Inspector
IC	Incident Commander



Acronyms

ID/IC	Illegal Discharge/Illicit Connection
IPM	Integrated Pest Management
IRWD	Irvine Ranch Water District
IWMD	Integrated Waste Management Department
JPA	Joint Powers Authorities
JURMP	Jurisdictional Urban Runoff Management Plan
LIP	Local Implementation Plan
LC	LIP Coordinator
MEP	Maximum Extent Practicable
MOU	Memorandum of Understanding
MRP	Monitoring and Reporting Programs
MS4	Municipal Separate Storm Sewer
NNC	Notice of Non-compliance
NCCP	Natural Community Conservation Planning Program
NOI	Notice of Intent
NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
OC	County of Orange
OCC	Orange County Code
OCFA	Orange County Fire Authority
OCFCD	Orange County Flood Control District
OCSD	Orange County Sanitation District
OES	Office of Emergency Services
O&M	Operations & Maintenance
PDS	Planning & Development Services Department
PEA	Program Effectiveness Assessment
PFRD	Public Facilities & Resources Department
PNIR	Pollution Notification/Investigation Request
PPE	Personal Protective Equipment
PWC	Public Works Crew
PWD	Public Works Department
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
ROWD	Report of Waste Discharge
RP	Responsible Party
RWQCB	Regional Water Quality Control Board
SA	Santa Ana
SCAG	Southern California Association of Governments
SCCWRP	Southern California Coastal Waters Research Program
SD	San Diego
SIC	Standard Industrial Classification Code
SOCWA	South Orange County Wastewater Authority
SR	Spill Responder
SSMP	Sewer System Management Plans
SSO	Sanitary Sewer Overflow
SUSMP	Standard Urban Storm Water Mitigation Plan
SWPPP	Stormwater Pollution Prevention Plan



Acronyms

SWRCB	State Water Resources Control Board
TAC	Technical Advisory Committee
TMDL	Total Maximum Daily Load
UCI	University of California, Irvine
UHWM	Uniform Hazardous Waste Manifest
WCRD	Watershed & Coastal Resources Division
WDR	Waste Discharge Requirement
WQMP	Water Quality Management Plan
WSPA	Western States Petroleum Association
WURMP	Watershed Urban Runoff Management Plan



Glossary

1993 DAMP

A document required under the First Term Permits issued by the Santa Ana and San Diego Regional Boards. This document is the principal policy and guidance document for the countywide NPDES Stormwater Program.

2000 DAMP

An updated version of the 1993 DAMP. Submitted in draft form as the proposed plan for the 2000 Report of Waste Discharge submittal.

2003 DAMP

The final, updated version of the 1993 DAMP which was submitted in draft form in 2000 as the proposed plan for the 2000 Report of Waste Discharge (2000 DAMP). This document incorporates the Third Term Permit requirements and is the principal policy and guidance document for the countywide NPDES Stormwater Program.

Best Management Practice (BMP)

A technique, measure or structural control that is used for a given set of conditions to manage the quantity and improve the quality of stormwater runoff in the most cost-effective manner.

Clean Water Act and Amendments

The Federal Pollution Control Act (Public Law 92-500), as amended (33 U.S.C. 1251 et seq.). Federal regulation mandating a National Pollutant Discharge Elimination System permit for discharges into the Waters of the United States. The goals of the act are to restore and maintain the chemical, physical and biological integrity of the nation's waters.

First Term Permits

The Regional Boards issued Municipal Stormwater Permits No. CA 8000180 and No. CA 0108740 to the Permittees in 1991 for the period from 1991 – 1996.

General Construction Permit

The NPDES general permit for stormwater discharges associated with construction activity. SWRCB Order No. 99-08 DWQ, NPDES General Permit No. CAS000002 or its subsequent replacement.

General Industrial Permit

The NPDES general permit for stormwater discharges associated with industrial activity. SWRCB Order No. 97-03 DWQ, NPDES General Permit No. CAS000001 or its subsequent replacement.

Illegal Discharge

Any discharge to a municipal separate storm sewer that is not composed entirely of stormwater and that is not covered by an NPDES permit or identified in the NPDES Stormwater permit as an allowed discharge.



Glossary

Illicit Connection

Any man-made conveyance or drainage system, pipeline, conduit, inlet or outlet, through which the discharge of any pollutant to the stormwater drainage system occurs or may occur.

Implementation Agreement

The agreement underpinning County and city cooperation which establishes the responsibilities of each Permittee and a funding mechanism for the shared costs of the Program.

Local Implementation Plan (LIP)/Jurisdictional Urban Runoff Management Plan (JURMP)

The Permittee specific document that details how the stormwater programs within the DAMP are implemented within their local jurisdictions (synonymously referred to as a LIP in the Santa Ana Region and a JURMP within the San Diego Region).

National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater Permit

A provision of the CWA, section 402, that identifies municipal stormwater as a point source subject to regulation under the NPDES Permits.

NPDES Stormwater Program

The program designed by the Orange County Permittees for compliance with the NPDES permits.

Permittees

The cities of Aliso Viejo, Anaheim, Brea, Buena Park, Costa Mesa, Cypress, Dana Point, Fountain Valley, Fullerton, Garden Grove, Huntington Beach, Irvine, Laguna Beach, Laguna Hills, Laguna Niguel, Laguna Woods, La Habra, La Palma, Lake Forest, Los Alamitos, Mission Viejo, Newport Beach, Orange, Placentia, Rancho Santa Margarita, San Clemente, San Juan Capistrano, Santa Ana, Seal Beach, Stanton, Tustin, Villa Park, Westminster, and Yorba Linda; the County of Orange; and the Orange County Flood Control District and any subsequently incorporated cities that become subject to the NPDES permit. Each Permittee is individually responsible for the implementation of the program elements within its jurisdiction.

Permittee Committee

The committee made up of a representative from each of the Permittees that provides the overall guidance for the NPDES Stormwater Program.

Point Source

Any discernable, confined, and discrete conveyance, including any conduit pipe, ditch, channel, sewer, tunnel, vessel, or other floating craft from which pollutants are or may be discharged.

Principal Permittee

The County of Orange is the Permittee designated with the responsibility to manage the NPDES Municipal Stormwater Program on behalf of the Permittees.



Glossary

Program Effectiveness Assessment

The NPDES Permits require the submittal of an annual Program Effectiveness Assessment to the Regional Board and EPA on November 15th of each year.

Regional Water Quality Control Boards

The Santa Ana and San Diego Regional Water Quality Control Boards are agencies that implement and enforce Clean Water Act Section 402(p) NPDES permit requirements, and are issuers and administrators of these permits on behalf of EPA within Orange County.

Report of Waste Discharge (ROWD)

Constitutes the application to the RWQCB for the Third Term NPDES permit. The ROWD presents the compilation of data from the current and previous permit terms and describes the proposed plan for future activities.

Santa Ana Regional Board

The Regional Board that issues the NPDES Municipal Stormwater Permit for Orange County from the northern Los Angeles County border southward to approximately El Toro Road. The Permittees in the Santa Ana Regional Water Quality Control Board jurisdiction include the County of Orange, the Orange County Flood Control District and the twenty six (26) incorporated cities of Anaheim, Brea, Buena Park, Costa Mesa, Cypress, Fountain Valley, Fullerton, Garden Grove, Huntington Beach, Irvine, La Habra, La Palma, Laguna Hills, Laguna Woods, Lake Forest, Los Alamitos, Newport Beach, Orange, Placentia, Santa Ana, Seal Beach, Stanton, Tustin, Villa Park, Westminster, and Yorba Linda.

San Diego Regional Board

The Regional Board that issues the NPDES Municipal Stormwater Permit for Orange County from approximately El Toro Road down southward to the San Diego County border. The Permittees in the San Diego Regional Water Quality Control Board jurisdiction include the County of Orange, the Orange County Flood Control District and the eleven (11) incorporated cities of Aliso Viejo, Dana Point, Laguna Beach, Laguna Hills, Laguna Niguel, Laguna Woods, Lake Forest, Mission Viejo, Rancho Santa Margarita, San Clemente, and San Juan Capistrano.

Second Term Permits

The Regional Boards re-issued the Municipal NPDES Stormwater Permits in 1996 Santa Ana Region CAS0108740 and San Diego Region CAS618030, which covered the time period from 1996-2002.

State Water Resources Control Board

State agency that sets statewide policy for the nine Regional Water Quality Control Boards.



Glossary

Total Maximum Daily Loads (TMDL)

A written, quantitative analysis and plan for attaining and maintaining water quality standards in all seasons for a specific waterbody and pollutant.

Third Term Permits

The Regional Boards re-issued the Municipal NPDES Stormwater Permits in 2002 Santa Ana Region Order No. R8-2002-0010 and San Diego Region Order No. R9-2002-0002, which covers the time period from 2002-2007.

Water Quality Planning Process

Systematic and detailed evaluation of the impacts of urban water quality on beneficial uses to determine or validate that actual impairments exist that warrant corrective action.



Signed Certified Statement

County of Orange/Orange County Flood Control District

Program Effectiveness Assessment

Prepared for the
California Regional Water Quality Control Board

Santa Ana Region

November 15, 2003

It is understood that the attached information is submitted under penalty of perjury and that the documents and all attachments submitted by the County and Orange County Flood Control District as Permittees are true, accurate and complete to the best of my knowledge and belief.

A handwritten signature in cursive script, reading "Vicki Wilson", is written over a horizontal line.

Vicki Wilson,

Director, Public Facilities & Resources Department



Signed Certified Statement

County of Orange/Orange County Flood Control District

Program Effectiveness Assessment

Prepared for the
California Regional Water Quality Control Board

San Diego Region

November 15, 2003

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

A handwritten signature in cursive script, reading "Vicki Wilson", is positioned above the printed name.

Vicki Wilson,

Director, Public Facilities & Resources Department