

**ENGINEER'S REPORT**  
**TO THE**  
**BOARD OF SUPERVISORS**  
**OF THE**  
**RIVERSIDE COUNTY FLOOD CONTROL**  
**AND WATER CONSERVATION DISTRICT**  
**ON THE**  
**NPDES PROGRAM**  
**FOR THE**  
**SANTA MARGARITA WATERSHED**  
**BENEFIT ASSESSMENT AREA**

**JULY 2009**

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## INTRODUCTION

In 1987, Congress amended the Federal Clean Water Act (CWA) to require public agencies which serve urbanized areas with a population greater than 100,000 and other designated areas to obtain permits to discharge urban stormwater runoff from municipally owned drainage facilities including streets, highways, storm drains and flood control channels. In November 1990, the United States Environmental Protection Agency (USEPA) promulgated enforceable regulations establishing Municipal Stormwater Permit requirements under its National Pollutant Discharge Elimination System (NPDES) Program. In California, USEPA has delegated its NPDES permitting authority to the State Water Resources Control Board (SWRCB). The SWRCB issues and enforces NPDES Municipal Separate Storm Sewer System (MS4) Permits through its nine California Regional Water Quality Control Boards (CRWQCBs).

The Riverside County Flood Control and Water Conservation District (District) service area encompasses portions of three major watersheds (drainage areas): the Santa Ana, the Santa Margarita and the Whitewater. The discharge of stormwater from municipal storm drainage systems within each of these three watersheds is regulated pursuant to an NPDES MS4 Permit (NPDES Permit) administered by a separate CRWQCB. **The District must comply with the provisions of these NPDES Permits in order to legally operate and maintain its flood control and drainage system infrastructure.** The USEPA and the CRWQCB can impose significant penalties for non-compliance, as high as \$32,500 per day per violation. In addition, private citizens can pursue enforcement actions under the Federal CWA.

In the case of the Santa Margarita Watershed, the District, along with the County of Riverside (County) and the City of Temecula obtained an "early"<sup>1</sup> NPDES Permit from the CRWQCB - San Diego Region (Regional Board) on July 16, 1990. The Regional Board added the then newly incorporated City of Murrieta to the Permit on May 18, 1992.

This first NPDES Permit was considered a "Developmental Permit". The Permittees (District, County, and the cities of Temecula and Murrieta) were authorized to continue discharging stormwater from their municipally owned storm drains and flood control facilities while developing various elements of an area-wide stormwater management program. Although the initial NPDES Permit "expired" on July 16, 1995, its provisions remained in effect in accordance with the applicable provisions of the NPDES Permit Program regulations. The Regional Board adopted a "second-round" NPDES Permit (Board Order 98-02) for the Santa Margarita Watershed on May 13, 1998. However, USEPA Region IX raised an objection to specific language that was included in Order 98-02 at the direction of the SWRCB. Region IX subsequently took action to issue its own NPDES Permit (CAS0108766) in accordance with the Memorandum of Agreement between Region IX and the SWRCB and the NPDES regulations at 40 CFR123.44(h). On June 25, 1999, Region IX "returned" the NPDES Permit to the Regional Board for implementation. On November 8, 2000, the Regional Board issued Addendum No. 1 to Order No. 98-02, which incorporated, by reference, the EPA Permit into their Board Order.

In general, both Order No. 98-02 and the USEPA Permit validated the Permittees' overall stormwater management efforts by incorporating the major elements of the initial 1993 Drainage Area Management Plan (1993 DAMP) and other stormwater management program elements that

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<sup>1</sup> The term "early" is used to indicate permits that were issued prior to the promulgation of the final USEPA rules for permitting municipal stormwater discharges [40CFR122.26, November 1990].

the Permittees have subsequently developed. However, both Order 98-02 and the USEPA Permit identified certain additional programs and activities that the Permittees were required to implement in accordance with specified time schedules in order to achieve compliance with Order No. 98-02, the USEPA Permit, and the Federal Clean Water Act. Order 98-02 expired on November 30, 2003. The Permittees submitted a joint Report of Waste Discharge (ROWD) on May 30, 2003, requesting renewal of the Permit by the Board. On July 14, 2004, the San Diego Regional Water Quality Board (Regional Board) adopted Order No. R9-2004-001, the Third-term Santa Margarita Region (SMR) MS4 Permit (Third-term SMR Permit). The Third-term SMR Permit required several additional or enhanced program elements, such as strict control on new developments, enhancements to construction, industrial and commercial inspection programs, and a new emphasis on water quality monitoring and program effectiveness evaluations. Compliance programs were developed or enhanced to address the Third-term MS4 Permit between July 2004 and July 2005. These program elements have been incorporated into the updated Drainage Area Management Plan for the Santa Ana/Santa Margarita Region (SA/SMR DAMP).

From the beginning, the Permittees' Stormwater Management Program has been guided by the following principles:

1. Utilize existing municipal departments/programs to meet NPDES Permit requirements whenever possible.
2. Minimize duplication of effort through coordinated Permittee compliance actions.
3. When necessary, develop new or enhanced stormwater management programs (Best Management Practices) that are both cost-effective and acceptable to the public.

The Santa Margarita Watershed Benefit Assessment Area (SMWBAA) was established pursuant to District Ordinance No. 14 on May 14, 1991 (copy attached - see Appendix B). The SMWBAA was formed to offset the District's program and administrative costs associated with the development, implementation and management of identified stormwater management activities required by the federally mandated NPDES Permit Program. The District must continue to develop and implement these stormwater management activities in order to legally operate and maintain its flood control and drainage facilities. A map showing the boundaries of the SMWBAA is attached hereto as Appendix C.

The cost of the District's various NPDES Permit compliance activities fluctuates from year to year. Although some expenses do not change significantly on a yearly basis, certain costs are cyclical (*e.g.*, preparing Permit applications and negotiating Permit provisions), while expenses associated with collecting water samples and laboratory analysis may vary according to the amount of rainfall occurring in a given year or in response to certain information requests from the Regional Board. Costs associated with the development and production of public education materials are not always incurred on a FY basis. Occasionally, additional consultant services may be needed to assist the District with the development of a particular Permit requirement or program activity. Also, certain activities or programs may be expanded or curtailed from time to time and, occasionally, new programs or activities must be developed and implemented.

Currently, the regulation and management of stormwater runoff is a topic of increasing interest amongst the public, municipalities, regulatory authorities, and legislators. Although new laws and/or regulations could result in changes to the assessment rate in future years, **the proposed**

**assessment rate for FY 2009-2010 is equal to or less than the assessment rate that was enrolled and levied for FY 1996-1997 and all subsequent years.**

**APPORTIONMENT METHODOLOGY**

SMWBAA assessments are apportioned on the basis of proportionate stormwater runoff generated by each parcel. This method of assessment is consistent with State law and the District Act. The amount of benefit is computed based upon a parcel's size (acreage) and its use classification. A single-family residential structure on a 7,200 square foot lot (1/6 of an acre) is defined as one benefit assessment unit (BAU). The BAUs for other types of land use are calculated in proportion to the amount of runoff generated by a single-family residence on a 7,200 square foot lot.

In comparison with a typical single family residence, industrial and commercial properties typically generate more stormwater runoff and higher pollutant loads on a per acre basis. Thus, commercial/industrial parcels are assessed at a higher rate per acre than residential parcels. Because agricultural discharges are currently exempt under the NPDES Permit regulations, parcels within the SMWBAA that are used for agricultural purposes are exempted from the assessment. Vacant undeveloped parcels that effectively generate no urban pollutants are also exempt. In addition, large tracts of land that consist mostly of Federally or State owned forest or similar property have been excluded from the SMWBAA. Refer to Appendix B for a more detailed discussion of the apportionment methodology.

**CURRENT YEAR ASSESSMENTS (FY 2008-2009)**

In July 2008, the District's Board of Supervisors confirmed a benefit assessment rate for FY 2008-2009 of \$4.00 per BAU. Following is a summary of FY 2008-2009 assessments:

<b>Rate</b>	<b>Billed Parcels</b>	<b>BAUs</b>	<b>Assessments</b>	<b>Corrections</b>	<b>Amount Paid*</b>
\$4.00	73,762	119,492	\$477,967.88	\$0.00	\$446,974.82

\* Through May 31, 2009

Property owners may request a review of their assessment(s) by contacting the District. District staff considers each request by reviewing information such as assessor's parcel maps, aerial photographs, and, when necessary, conducting site visits. The Auditor/Controller is notified of any needed corrections and a new tax bill is issued or, in cases where the assessment has been paid, a refund is made. Last year, no corrections were processed.

**RECOMMENDED BENEFIT ASSESSMENT RATES (FY 2009-2010)**

The District recommends that for FY 2009-2010, the SMWBAA assessment rate remain unchanged at \$4.00 per BAU. This BAU rate would result in an equivalent charge per acre for the following land uses:

<b>Group</b>	<b>Land Use Category</b>	<b>BAU/Acre</b>	<b>Assessment Rate*</b>
A	Commercial, Industrial	12	\$48.00/acre
B	Apartments/Mobile Home Parks, Churches and Schools	9	\$36.00/acre
C	Single-family Residential	6**	\$24.00/acre
D	Agricultural/Vacant Undeveloped	Exempt	\$0.00/acre
E	Golf Courses	0.10	\$0.40/acre
F	Undeveloped Portions of Parcels	0.05	\$0.20/acre

\* Refer to Appendix B for a detailed discussion of the Benefit Assessment methodology.  
 \*\* 1 BAU per single-family residence, assuming six equally sized residential parcels per acre.

The projected revenue for FY 2009-2010, using the proposed benefit assessment rate of \$4.00 per BAU is as follows:

<b>Rate</b>	<b>Parcels*</b>	<b>BAUs</b>	<b>Assessment*</b>	<b>Projected Revenue**</b>
\$4.00	73,762	119,492	\$477,967.88	\$442,120.29

\* Based on preliminary Assessor's information  
 \*\* Assumes a 7.5% delinquency rate

The projected revenue along with a portion of the ending fund balance from FY 2008-2009 will fund the District's NPDES program for the Santa Margarita Watershed area in FY 2009-2010. The proposed FY 2009-2010 budget is presented in Appendix A.

During the early years of the NPDES Program, there were many uncertainties regarding start up costs (consultant costs, amount of sampling that would be required, overall program scope, etc.) since the program was new for both the regulatory authorities and the Permittees. Consequently, the initial assessment rates were set conservatively to ensure that all permit obligations could be met. To date, the District has been able to successfully negotiate reasonable NPDES Permit conditions and implement its Stormwater Management Program in a manner that has retained a portion of the program's initial budget surpluses. As a result, a modest fund balance has been maintained since the benefit assessments were first levied in FY 1991-1992. The District is

gradually reducing the fund balance by maintaining the current assessment rate while sustaining expenditure levels that are slightly above projected revenues. It should also be noted here that the current trend in California is toward more stringent regulation of municipal stormwater runoff. Thus, it is expected that the District's NPDES Permit compliance costs will increase over the next few years.

### **ASSESSMENT ROLL**

The SMWBAA Assessment Roll provides a listing by Assessor's Parcel Number of the proposed FY 2009-2010 Benefit Assessment to be levied on each parcel of property in the SMWBAA. The Assessment Roll is identified as Appendix D and incorporated herein by this reference. This Engineer's Report along with the SMWBAA Assessment Roll will be placed at the following locations for review by the public:

Clerk of the Board of Supervisors  
4080 Lemon Street, 1<sup>st</sup> floor  
Riverside, CA 92501

Riverside County Flood Control  
and Water Conservation District  
1995 Market Street  
Riverside, CA 92501

City of Murrieta  
24601 Jefferson Avenue  
Murrieta, CA 92562

City of Temecula  
43200 Business Park Drive  
Temecula, CA 92589

**The Engineer's Report may also be viewed or downloaded at  
<http://floodcontrol.co.riverside.ca.us/content/stormwaterNPDES.htm>**

## **NPDES PROGRAM HIGHLIGHTS (FY 2008-2009)**

The following tasks were accomplished or are ongoing for the year ending June 30, 2009:

- A. Continued implementation of the Water Quality Management Plan (WQMP) for new development required by the Third-term SMR Permit as of July 14, 2005. The WQMP requires developers to submit a project-specific WQMP for qualified new development and redevelopment projects. The WQMP identifies water quality impacts of the proposed development and mitigation measures for those impacts. The District is currently in the process of developing a comprehensive Post-Construction Best Management Practices (BMP) Design Handbook to assist the development community in complying with the requirements. The Post-Construction BMP Design Handbook will focus on detailed BMP design guidance and add several new BMPs focused on addressing high priority pollutants of concern in the SMR. BMPs will emphasize natural treatment systems, with a preference for enhanced water quality swales, over water quality basins.
- B. Continued offering of several municipal employee-training sessions to provide a general orientation of the Municipal Stormwater Program including topics such as stormwater regulations and permits, storage and disposal of hazardous materials, BMPs for parks and recreation activities, animal control facilities, vehicle and equipment cleaning, outdoor cleaning activities, pesticides/fertilizers, painting, dumpster areas, etc. Attendees included Permittee code enforcement and field maintenance staff, construction site inspectors, and personnel involved in conducting industrial/commercial facility inspections. Training focused on compliance requirements and ordinance enforcement processes required by the Permit. Training for municipal planners and engineers regarding the WQMP was also provided.
- C. Continued implementation of a Commercial/Industrial Compliance Assistance Program (CAP) to conduct focused outreach to restaurants, automotive repair shops and certain other commercial and industrial establishments to encourage implementation of stormwater BMPs and facilitate consistent and coordinated enforcement of local stormwater quality ordinances. Site visits included use of a survey checklist to document stormwater management practices for each facility.
- D. Continued financial support to area-wide stormwater pollution prevention programs, including the Hazardous Materials Response (HAZMAT) Team, mobile Household Hazardous Waste (HHW) collection events, and the Anti-freeze, Batteries, Oil, and Paint (ABOP) program.
- E. Promotion (advertising) of proper household hazardous waste disposal at special hazardous waste collection events and at the Murrieta ABOP collection center through placement of numerous newspaper advertisements. Attending various community events to provide information and brochures on stormwater pollution prevention, recycling and proper disposal of household hazardous waste.
- F. Distribution of focused BMP Brochures targeting Construction Activities, Restaurant/Food Service Industry, Automotive Service Industry, Outdoor Cleaning Activities and Industrial Facilities.

- G. Continued enhancement of the collection and analysis of water quality samples in accordance with the NPDES Permit's Monitoring and Reporting Program. Mass load sampling of three monitoring stations during three winter storms was conducted for the first time.
- H. Development, preparation and submittal of a comprehensive annual report to the Regional Board based on the revised requirements of the Third-term SMR Permit.
- I. Continued coordination with the Mission Resource Conservation District to present the Stormwater Pollution Prevention Patrol Program in elementary school classrooms and to present an adult stormwater education program to civic organizations, trade groups, homeowners associations, etc.
- J. Continued coordination with major home improvement stores in Riverside County to reach the public with stormwater pollution prevention messages. Store staff is trained and point-of-purchase displays are placed at paint, pesticide and fertilizer departments.
- K. Continued coordination with the Santa Margarita River Watershed Executive Management Committee. The committee attempts to provide a forum to address watershed wide water rights and water quality issues. The Santa Margarita River Watershed Executive Management Committee has begun coordinating responses to upcoming Santa Margarita River Numeric Nutrient Endpoint Study and Santa Margarita Lagoon TMDL monitoring studies being conducted by the San Diego Regional Water Quality Control Board.
- L. Participation in the Southern California Stormwater Monitoring Coalition, a regional monitoring group comprised of Southern California Phase 1 Municipal NPDES Permit holders. The focus is developing effective, meaningful stormwater quality monitoring techniques.
- M. Completed a Toxicity Reduction Evaluation (TRE) special study to verify and address potential Pyrethroid Toxicity in Receiving Waters. The study identified pyrethroid pesticides as a potential source of toxicity and biological degradation of both Murrieta and Temecula Creeks.
- N. Participation in two thirty-minute episodes of "Greenworks" an environmental talk show aired on Channel 18 in the Desert and KVCR in western Riverside County. The two shows focused on appropriate residential BMPs.
- O. Participation in the development of the Orange County NPDES MS4 Permit for the Santa Ana and San Diego Regional Water Quality Boards.
- P. Continued coordination with the SMC on a southern California bioassessment monitoring program.
- Q. Coordination with CASQA, UCR and others on the development of legislation, regulations and programs to address potential sources of pyrethroid toxicity in receiving waters. Activities included meetings with Department of Pesticide Regulation Management Staff, support of EPA Grants pursued by UCR, and various presentations to interested parties regarding the impacts of pyrethroid pesticides.

## **PROGRAM/WORK ITEMS (FY 2009-2010)**

Order No. R9-2004-001 was adopted by the Regional Board on July 14, 2004, and specifies minimum compliance program requirements for the overall Stormwater Management Program. The Order also requires certain elements of the existing Stormwater Management Program to be refined or expanded, and many new programs to be developed. The permit required that all programs, compliance documents and reports be completed by July 14, 2005. Therefore, the majority of the District's efforts in 2009-2010 will be focused on program implementation, preparing annual reports, assessing overall program effectiveness, and determining any necessary changes to compliance programs based on the effectiveness assessment. This is the fourth/last year of the Third-term SMR Permit so the long-term effectiveness evaluations will be performed on the Permittees' programs. The Permittees will collectively evaluate the measurable metrics, Receiving Water monitoring Data, and IC/ID monitoring data to assess changes in knowledge and behavior, load reductions and improvements in Receiving Water Quality. This analysis will be conducted as part of the fourth year annual report in support of the Report of Waste Discharge (ROWD) and permit renewal process. The results of this assessment will evaluate the need to make significant programmatic revisions to the Permit compliance programs to protect Beneficial Uses of Receiving Waters.

The following program activities will be emphasized for the coming year:

### **GENERAL CONSTRUCTION PERMIT**

A draft General Construction Permit has been issued as part of the renewal of the Permit. The proposed permit as currently written is exponentially more stringent than the current Permit. The District, as the principal permittee for all three MS4 permits, has and will continue to take the lead on coordinating with the State and other interested parties on shaping the proposed Permit.

### **LID PROJECT**

In summary, the project proposes to construct, test and evaluate a variety of integrated management practices (IMPs) that serve as hydraulic and hydrologic controls consistent with the low impact development (LID) planning and design approach. In addition, the project proposes monitoring and testing components.

The project will also provide a facility that can be used for demonstrating and evaluating the effectiveness of LID IMP techniques in southern California. The centralized location is convenient for training residents, regulators, developers, municipal employees, engineers and other interested stakeholders from many southern California communities. Construction is expected to begin in the fall.

### **PROGRAM MANAGEMENT**

As Principal Permittee, the District conducts certain activities to coordinate the efforts of the other Permittees and facilitate compliance with the Permit. These activities include chairing monthly meetings of the combined Santa Ana/Santa Margarita Technical Advisory Committee, administration of area-wide programs (e.g., public education, household hazardous waste collection, hazardous material spill response, stormwater sample collection and analysis), program development and preparation of the Annual Report to the Regional Board.

Implementation of the revised SA/SMR DAMP programs will be the most significant program management activity for FY 2009-2010. The District will also focus its efforts on identifying and commenting on statewide issues that affect local storm water programs.

### **BEST MANAGEMENT PRACTICES (BMPs)**

The District will continue to work on developing a comprehensive Post-Construction BMP Design Handbook. In addition the District will be coordinating with the Southern California Stormwater Monitoring Coalition to develop BMP guidance for mitigating the impacts of increased runoff from new development to streams and rivers.

### **AREA-WIDE PROGRAMS**

The District will also continue to provide financial support for several important "area-wide" BMP programs implemented on behalf of the Permittees, including:

#### **Public Education**

Coordination and oversight of the area-wide NPDES public education and outreach efforts, including public events, school and adult education programs, printed brochures and commercial mass-media campaigns. Continued development and distribution of focused educational outreach materials for specific industries and businesses such as restaurants, auto repair shops, outdoor cleaning businesses, and other commercial and industrial activities that are potential sources of stormwater pollution.

#### **Training for Municipal Employees**

Municipal training programs to improve understanding of NPDES Permit requirements and stormwater BMPs. The classes focus on methods to reduce and/or eliminate sources of stormwater pollution from public agency facilities and activities. Training will be conducted specifically for construction inspection staff, industrial/commercial Facilities inspection staff, municipal facilities maintenance staff, and staff responsible for new development/re-development project review.

#### **Hazardous Materials Emergency Spill Response**

Providing financial support to the County Fire Department's Hazardous Materials Emergency Spill Response Team to ensure that hazardous chemical incidents (spills or illegal dumping) are responded to quickly and effectively cleaned up.

#### **Household Hazardous Waste Collection / ABOP**

Providing financial support to the County Waste Management Department to support ongoing mobile Household Hazardous Waste (HHW) collection events and operation of the ABOP (Antifreeze, Batteries, used motor Oil, and latex Paint) program that provide local residents with opportunities to properly dispose of HHW.

#### **Compliance Assistance Program**

Continuation of a partnership with the County Environmental Health Department to conduct outreach and education to specific commercial establishments and industrial facilities in conjunction with existing Facility Inspection Programs. In addition, this program will provide feedback through survey forms concerning the compliance status of commercial and industrial facilities to both Permittees and the Regional Board.

### **WATER QUALITY MONITORING**

On behalf of all Permittees, the District conducts both wet and dry weather sample collection and analysis in accordance with the Third-term SMR Permit's Monitoring and Reporting Program. The Permittees are also required to coordinate a Santa Margarita Lagoon monitoring program by the Regional Board in 2008-2009. This monitoring program would provide data necessary to establish a TMDL for nutrients believed to be impairing beneficial uses in the lagoon. A similar study is being completed in the Santa Margarita River to develop Numeric Nutrient Endpoints for a Santa Margarita River Nutrient TMDL. Additionally, based on the results of the TRE special study, the District will continue to verify and address potential Pyrethroid Toxicity in both Murrieta and Temecula Creeks.

### **NEW DEVELOPMENT**

The District will continue to review new developments and redevelopments within the unincorporated area of Riverside County for compliance with the WQMP and other development related requirements of the Third-term SMR Permit. New developments were required to develop WQMPs beginning July 14, 2005.

### **CONSTRUCTION SITE COMPLIANCE**

The discharge of sediment from construction sites due to inadequate erosion and sediment controls is a major concern of USEPA and the Regional Board. The current Permit requires the Permittees to enforce local stormwater and erosion control ordinances that prohibit discharges of sediment into their respective municipal storm drain systems. Although the District does not issue grading permits nor enforce local stormwater and grading ordinances, it will continue to work with the Permittees, the building industry, USEPA and the Regional Board to facilitate compliance with the local NPDES Municipal Stormwater Permit and the State's NPDES Construction Activities General Permit (Construction General Permit). In addition, a draft Construction General Permit has been issued as part of the renewal of the Permit. The proposed permit as currently written is exponentially more stringent than the current Permit. The District, as the principal permittee for all three MS4 permits, has and will continue to take the lead on coordinating with the State and other interested parties on shaping the proposed Permit.

### **INTEGRATED REGIONAL WATERSHED MANAGEMENT PLAN**

The District and the County of Riverside are continuing to support Rancho California Water District in the implementation of an Integrated Regional Watershed Management Plan for the Santa Margarita River region in Riverside County. The plan identifies necessary coordination and projects to sustain water quality and water supply, control flooding, and protect and/or enhance open space and critical habitat areas. Several other agencies are also participating in the effort. The plan will not only provide guidance for future planning efforts, it will also open the Santa Margarita Region to participate in solicitation of funds for various Integrated Watershed Management Plan grant programs associated with Propositions 40, 50 and 84.

## **CONCLUSIONS AND RECOMMENDATIONS**

The area-wide Municipal Stormwater Program for the Santa Margarita Watershed has been implemented in an efficient, cost-effective manner through the ongoing cooperative efforts of the District, the Co-Permittees, the Regional Board and the Riverside County Fire Department and Environmental Health Department. The District's NPDES Program activities, which are funded by these SMWBAA assessments, are required to comply with the current NPDES Permit for the Santa Margarita Watershed and enforceable provisions of the California Water Code and the Federal Clean Water Act which regulate the discharge of stormwater from municipally owned storm drains and flood control facilities. These mandatory stormwater management program activities are an essential component of the District's continuing operation and maintenance of its critical public safety facilities; therefore, the following action is recommended:

**Levy a Flood Control Benefit Assessment in the Santa Margarita Watershed Benefit Assessment Area at an unchanged rate of \$4.00 per benefit assessment unit for FY 2009-2010.**

# **GLOSSARY**

**ABOP** – A permanent collection facility that accepts Anti-freeze, Batteries, Oil and latex Paint for recycling and/or proper disposal

**BAU** – Benefit Assessment Unit

**BMP** – Best Management Practice

**CAP** - Compliance Assistance Program. A stormwater outreach and reporting program conducted in conjunction with selected facility inspection programs conducted by the Riverside County Environmental Health Department.

**CWA** - Clean Water Act

**FY** – Fiscal Year

**HAZMAT Team** –Hazardous Materials Emergency Response Team

**HHW** – Household Hazardous Waste. Commonly used household chemicals that may be toxic or require special handling for proper disposal, *e.g.*, automotive fluids, pesticides, fertilizers, paint, cleaning products, pool chemicals, etc.

**NPDES** – National Pollutant Discharge Elimination System.

**Order No. R9-2004-01** – An Order of the California Regional Water Quality Control Board – San Diego Region to regulate stormwater discharges from municipal stormwater facilities owned or operated by the District, County of Riverside, or the Cities of Murrieta and Temecula.

**ROWD** – Report of Waste Discharge

**SA/SMR DAMP** – Santa Ana and Santa Margarita Regional Drainage Area Management Plan.

**SMWBAA** – Santa Margarita Watershed Benefit Assessment Area

**SWRCB** – State Water Resources Control Board

**USEPA** – United States Environmental Protection Agency

**Watershed Storm Water Management Plan (Watershed SWMP)** – The DAMP

## **APPENDIX A**

### **Proposed NPDES Program Budget (FY 2009-2010)**

**APPENDIX A**

**SANTA MARGARITA WATERSHED BENEFIT ASSESSMENT AREA  
PROPOSED NPDES PROGRAM BUDGET (FY 2009-2010)**

<b>STAFFING</b>	
Staff Salaries	\$232,500
Staff Benefits	93,700
Staff Standby/Differential/Overtime Pay	<u>5,000</u>
<b>Subtotal</b>	<b>\$331,200</b>
<b>ADMINISTRATION &amp; OVERHEAD</b>	
Administration & Overhead	\$122,310
County Counsel Services	9,000
Equipment Lease / Rental	0
Vehicle Mileage	5,200
Photocopying / Reproduction	4,000
<u>Miscellaneous</u> (Photography, Communications, Supplies, etc.)	<u>9,630</u>
<b>Subtotal</b>	<b>\$150,140</b>
<b>GENERAL CONSULTANT SERVICES</b>	
Technical / Regulatory Support	\$102,000
Benefit Assessment Services	<u>3,250</u>
<b>Subtotal</b>	<b>\$105,250</b>
<b>PUBLIC EDUCATION PROGRAM</b>	
Education Program: Contract Services / Presentations	\$35,760
Education Program: Production / Materials / Media	<u>39,150</u>
<b>Subtotal</b>	<b>\$74,910</b>
<b>WATER QUALITY MONITORING PROGRAM</b>	
Laboratory Services/Monitoring	\$199,400
Small Tools & Equipment	<u>800</u>
<b>Subtotal</b>	<b>\$200,200</b>
<b>POLLUTION PREVENTION PROGRAMS</b>	
HAZMAT Response Team (Fire Dept.)	\$36,500
Household Hazardous Waste Program (Waste Management Dept.)	30,000
Compliance Assistance Program (Environmental Health Dept.)	<u>19,830</u>
<b>Subtotal</b>	<b>\$86,330</b>
<b>PROGRAM SUBTOTAL</b>	<b>\$948,030</b>
CONTINGENCY (10%)	<u>\$94,803</u>
Assessor's/Treasurer's Office Line Item Charges (\$0.45/parcel)	\$33,193
<b>TOTAL EXPENDITURES</b>	<b>\$1,076,026</b>
FUND BALANCE FROM FY 2008-2009 (est.)	\$540,125
PROJECTED REVENUE	\$442,120
PROJECTED EXTERNAL CONTRIBUTIONS	<u>\$460,184</u>
<b>CASH AVAILABLE</b>	<b>\$1,442,429</b>
<b>PROJECTED FUND BALANCE</b>	<b>\$366,403</b>

## **APPENDIX B**

**RCFC&WCD Ordinance No. 14  
(May 14, 1991)**

## **APPENDIX C**

### **Map of Santa Margarita Watershed Benefit Assessment Area**

## **APPENDIX D**

### **SMWBAA Assessment Roll (FY 2009-2010)**