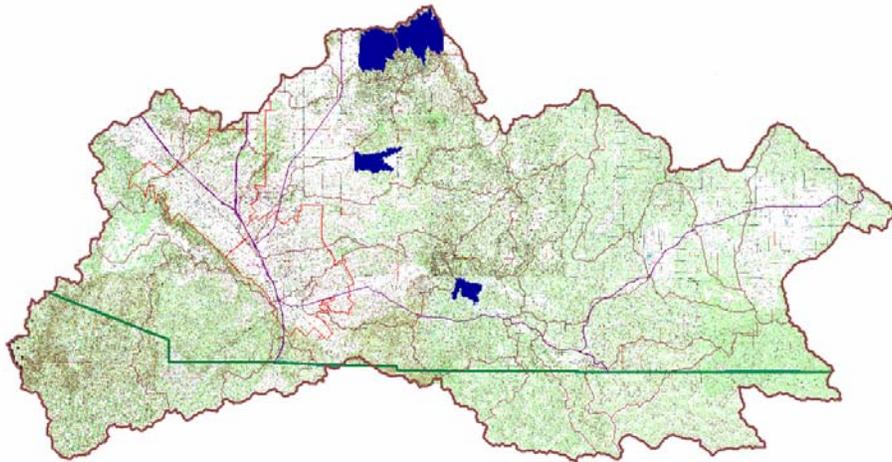




# 2005 – 2006 WATERSHED ANNUAL PROGRESS REPORT

TO THE  
SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD  
AND  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY – REGION IX  
(Order No. R9-2004-001, NPDES No. CAS108766)

OCTOBER 31, 2006



VOLUME 1 of 1

**SANTA MARGARITA WATERSHED**  
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT,  
COUNTY OF RIVERSIDE, CITY OF MURRIETA, and CITY OF TEMECULA

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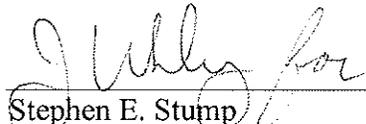
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## CERTIFICATION

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 fine and imprisonment for knowing violations.

Signed:

  
\_\_\_\_\_  
Stephen E. Stump  
Chief of Regulatory Division  
Riverside County Flood Control  
and Water Conservation District

## Certification

I certify under penalty of law that this document and all the attachments were prepared under my direction and 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 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 fine and imprisonment for knowing violations.

Signed: \_\_\_\_\_

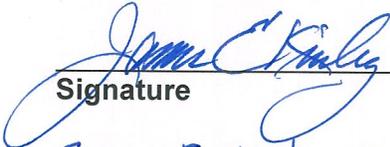


Kenneth M. Mohr  
Assistant County Executive Officer  
Riverside County Executive Office

# CERTIFICATION STATEMENT



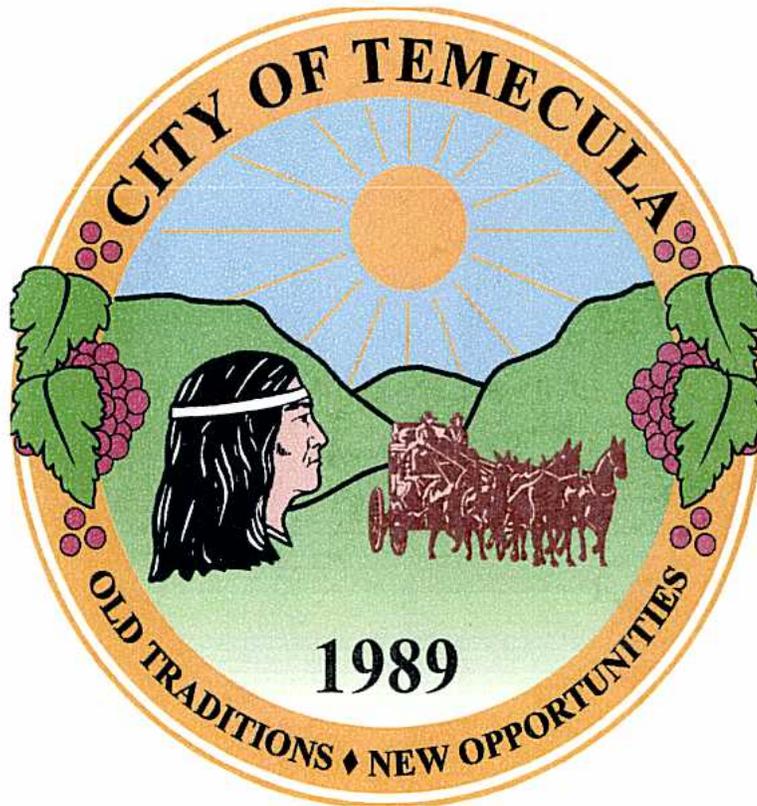
I certify under penalty of law that this document and all attachments were prepared or reviewed under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons 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 fine and imprisonment for knowing violations.

  
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Signature

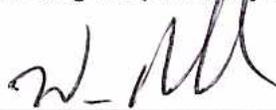
James E. Kinley, Dir of Public Works  
Name and Title, Printed or Typed

10-31-06  
\_\_\_\_\_  
Date

# CERTIFICATION STATEMENT



I certify under penalty of law that this document and all attachments were prepared or reviewed under my direction or supervision in accordance with a system designed to ensure 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 fine and imprisonment for knowing violations.

  
\_\_\_\_\_  
Signature

William Hughes, Director of Public Works  
Name and Title, Printed or Typed

10-30-06  
Date

**RCFC&WCD**  
**SANTA MARGARITA WATERSHED**  
**NPDES MUNICIPAL STORMWATER PERMIT**  
**(NPDES No. CAS0108766)**

**WATERSHED ANNUAL PROGRESS REPORT**

**FOR**

**FISCAL YEAR 2005-2006**

- A. Executive Summary
- B. Watershed Overview
- C. A Description of Efforts to Coordinate with other Stakeholders in the Watershed, such as San Diego County and the US Marine Corps Base Camp Pendleton
- D. An Assessment of Water Quality in the Santa Margarita Watershed Area of Riverside County, This Assessment Shall Include Data From the Previous Monitoring Report
- E. Identification of Water Quality Improvement or Degradation
- F. A Prioritization of Water Quality Problems and Potential Sources
- G. A Description of Watershed Specific Education Activities Conducted During the Reporting Period
- H. A Description of All Area-Wide and Watershed-Based Activities Conducted During the Reporting Period
- I. Recommended Activities to be Conducted Jointly by Permittees to Address the Identified Water Quality Problems
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Appendix A - Meeting Agendas and Notes

Appendix B - Public Education

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Appendix E - Household Hazardous Waste/Antifreeze, Batteries, Oil, and Latex Paint Report

Appendix F – Proposed Revisions to Watershed SWMP

Appendix G – Monitoring Annual Report

Appendix H – Hydromodification Studies

Appendix I – Watershed Facilities Map

**BOARD ORDER NO. R9-2004-001**  
**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**  
**SAN DIEGO REGION**

## Fiscal Year 2005-2006 Watershed Annual Report

### A. Executive Summary

The Watershed Annual Report documents regional urban runoff management programs and activities that were implemented to comply with the requirements of Provision K and the Monitoring and Reporting Program of the Municipal Separate Storm Sewer System (MS4) Permit issued to the Riverside County Permittees by the San Diego Regional Water Quality Control Board (Regional Board) on July 14, 2004 (Board Order R9-2004-001). This is the third MS4 permit issued by the Regional Board and is referred to as the “Third-term MS4 Permit”. This Watershed Annual Report specifically addresses the reporting requirements identified in the Watershed Annual Report section of the Monitoring and Reporting Program to the Third-term MS4 Permit. It provides a description of the area-wide and watershed-based programs and activities that the Permittee implemented during the Fiscal Year 2005-2006 reporting period to comply with the Third-term MS4 Permit and to reduce pollutants in Urban Runoff to the Maximum Extent Practicable (MEP).

The Third-term MS4 Permit required each Permittee to develop an Individual Storm Water Management Plan and for all the Permittees to jointly develop a Watershed Storm Water Management Plan. These compliance documents, and the programs they describe, were to be completed, submitted to the Regional Board and implemented by July 14, 2005. Annual Reports for each of these documents are required and are to be submitted to the Regional Board on October 31st of each calendar year. The reporting period is specified as the preceding fiscal year. The Riverside County Flood Control and Water Conservation District (District) is specifically required to prepare a Individual SWMP Annual Report and to coordinate the preparation of the Watershed SWMP Annual Report with the Riverside County and the Cities of Murrieta and Temecula (Permittees). As Principal Permittee, the District is also tasked with coordinating the submittal of the Individual SWMP Annual Reports for the other Permittees.

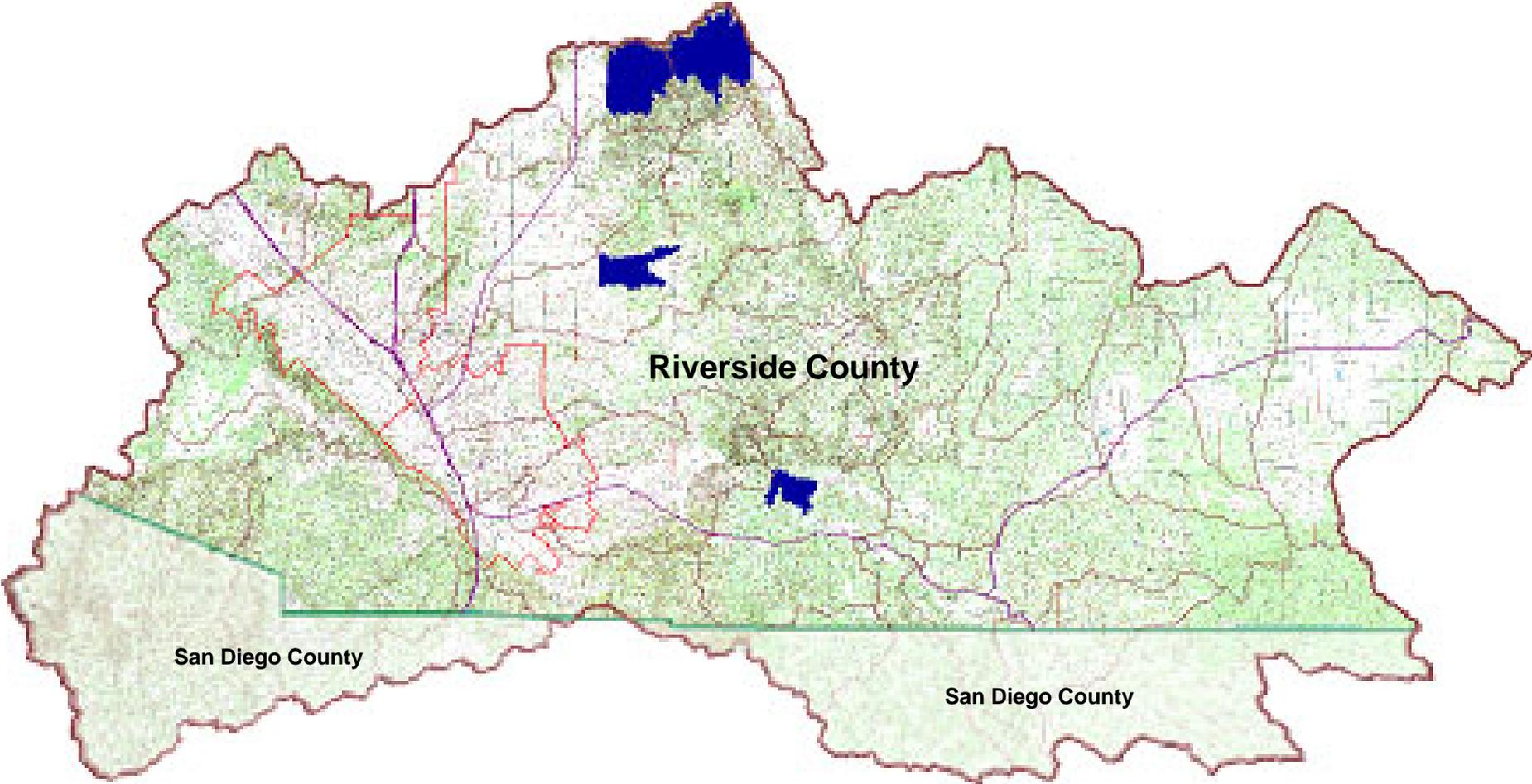
This Watershed Annual Report covers the period extending from July 1, 2005 through June 30, 2006. Because of compliance documents development and implementation dates described above, this is the first year that all programs have been implemented for a full year.

In general, this Watershed Annual Report provides specific detail regarding implementation of the regional programs described in the Riverside County Drainage Area Management Plan (DAMP). The DAMP serves the dual role of a model Individual Stormwater Management Plan and Watershed Stormwater Management Plan for the purposes of the Third-term MS4 Permit.

For purposes of this Watershed Annual Report, the terms “Watershed Storm Water Management Plan (Watershed SWMP)” and “Standard Urban Stormwater Management Plan (SUSMP)” referenced in the Santa Margarita Region (SMR) Permit are referred to as the “DAMP” and “Water Quality Management Plan (WQMP),” respectively, to be consistent with terminology established and in use by the Permittees. Additional terms and acronyms used in this Watershed Annual Report are defined in the glossary included in the DAMP.

Figure A-1 shows the SMR. A copy of the Third-term SMR MS4 Permit is included as Appendix C of the DAMP.

Figure A-1. Santa Margarita Region



## B. Watershed Overview

### B.1. Description of Permit Area

The Permit Area (Figure A-1) is defined as the area delineated by the County boundary line on the south and the San Diego Regional Board boundary line on the north, east, and west. Further, the entire Permit Area lies within the Murrieta Creek and Temecula Creek watersheds. It is important to recognize that agricultural activities are exempt from regulation under the MS4 NPDES permit and the Permittees do not have legal jurisdiction over storm water discharges into their respective MS4s from:

- California and federal facilities,
- Utilities and special districts, and
- Native American tribal lands.

These areas are not included in the Permit Area. However, the Regional Board requires the Permittees to coordinate with these stakeholders to reduce discharges from their lands. In addition, other point and non-point source discharges otherwise permitted by or under the jurisdiction of the San Diego Regional Board may affect water quality in the Murrieta and Temecula Creek watersheds. Current land uses within the Santa Margarita Region are shown on a map contained in Appendix I (updated October 26, 2006)

The area of Riverside County under the jurisdiction of the San Diego Regional Board is approximately 548 square miles, which is less than 8 percent of the 7,300 square miles within Riverside County. Only 3 of the 24 municipalities within Riverside County are under the jurisdiction of the San Diego Regional Board.

### B.2. Changes in Population

The California Department of Finance estimates that as of January 1, 2006, the total population of Riverside County was about 1,953,330. Of the 1.95 million people, approximately 206,400 persons (approximately 11 percent) reside within the portion of Riverside County under the jurisdiction of the San Diego Regional Board. Approximately 19,500 persons<sup>1</sup> reside in the unincorporated area while approximately 186,900 persons reside within the Cities of Murrieta and Temecula.

Since the adoption of the permit in 2004, population growth in Riverside County has been significantly higher than in neighboring counties and has also been greater than the average percent change in population in the entire State (2.5%).<sup>2</sup> Table B-1 shows the population data for years 1998-2006 and the percent change for the neighboring counties and for each of the Permittees for the years 2004 - 2006.

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1 Estimated (10% of county-wide total).

2 California Department of Finance, May 2006.

**Table B-1. Population Estimates 1998 – 2006 <sup>(a)</sup>**

Area	Year									% Change 2004 - 2006
	1-1-98	1-1-99	1-1-00	1-1-01	1-1-02	1-1-03	1-1-04	1-1-05	1-1-06	
<b>State</b>	32,657,000	33,140,000	33,753,000	34,367,000	35,000,000	35,612,000	36,271,091	36,728,196	37,172,015	2.5%
<b>Los Angeles County</b>	9,225,800	9,330,100	9,487,400	9,646,300	9,817,400	9,966,200	10,107,451	10,166,417	10,245,572	1.4%
<b>Orange County</b>	2,724,500	2,776,100	2,829,800	2,880,600	2,930,500	2,975,400	3,022,613	3,047,054	3,072,336	1.6%
<b>San Bernardino County</b>	1,637,900	1,666,600	1,701,700	1,741,400	1,788,500	1,842,100	1,897,950	1,950,806	1,991,829	4.9%
<b>San Diego County</b>	2,702,800	2,751,000	2,805,900	2,856,000	2,908,500	2,976,100	3,013,014	3,039,277	3,066,820	1.8%
<b>Riverside County</b>	1,451,400	1,490,500	1,533,800	1,584,300	1,645,300	1,719,000	1,807,858	1,888,311	1,953,330	8.0%
<b>Unincorporated Area</b>	ND <sup>(b)</sup>	ND	36,400 <sup>(c)</sup>	ND						
<b>Murrieta</b>	38,950	41,650	43,850	46,300	51,700	66,600	79,045	85,648	92,993	17.6%
<b>Temecula</b>	48,900	51,600	56,600	61,600	72,800	75,700	78,841	81,921	93,923	19.1%

(a) Population estimates obtained from California Department of Finance at [www.dof.ca.gov/html/Demograp/E-1table.xls](http://www.dof.ca.gov/html/Demograp/E-1table.xls)

(b) ND = No data

(c) Population estimate for the portion of unincorporated Riverside County within the Santa Margarita River watershed developed by the County Administrative Office based on the 2000 Census.

Although population growth in the Permit Area will continue to be greater than in surrounding counties, the percent increase will decline. Table B-2 shows population projections for neighboring counties and the Permittees in the year 2010.<sup>3</sup>

**Table B-2. Projected Population for 2010**

Area	2006	2010 <sup>(c)</sup>	% Change
<b>Los Angeles County</b>	10,245,572	10,461,007	2.1%
<b>Orange County</b>	3,072,336	3,260,162	6.1%
<b>San Bernardino County</b>	1,991,829	2,133,377	7.1%
<b>San Diego County</b>	3,066,820	3,258,951	6.3%
<b>Riverside County</b>	1,953,330	2,165,148	10.8%
<b>Unincorporated Area</b>	36,400 <sup>(a)</sup>	ND <sup>(b)</sup>	--
<b>Murrieta<sup>(d)</sup></b>	92,933	83,800 <sup>(e)</sup>	-9.8%
<b>Temecula<sup>(d)</sup></b>	93,923	83,500 <sup>(e)</sup>	-11.1%

- (a) Estimate of population for the portion of unincorporated Riverside County within the Santa Margarita River watershed as developed by the County Administrative Office is based on the 2000 Census.
- (b) ND = No data. Where ND is noted, there is no comparable data available for that portion of the Unincorporated County within the Santa Margarita River watershed.
- (c) P1 Population Projections, California Department of Finance May 28, 2004
- (d) Estimated build-out for: Murrieta = 111,820 and Temecula = 125,000. These figures include annexation of parts of County.
- (e) LAFCO Water and Wastewater Municipal Service Review Report, February 2005. Number do not account for growth within recent annexation of lands.

### B.3. Changes in Land Use

In 1956, only 0.3 percent of the SMR (less than two square miles) was urbanized.<sup>4</sup> Almost half a century later, even with a significant rate of growth in population relative to the State and neighboring counties, 93 percent of the SMR remains in non-urban land uses (rural residential, agriculture, preserves and open space, state lands, federal lands, and tribal lands). Further, almost thirty percent (30%) of the SMR consists of federal, state, and tribal lands<sup>5</sup> that are not under the jurisdiction of the Permittees' MS4 programs. It is projected that the population of Riverside County will increase approximately eleven (11%) by 2010 with significantly slower growth occurring in the south county. Assuming that the urbanized area increases proportional to population, ninety-two percent (92%) of the SMR would remain in non-urban land uses in 2010.

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3 Southern California Association of Governments, May 2003, and San Diego Association of Governments, May 2003.  
 4 State of California Department of Public Works, Division of Water Resources, Bulletin No. 57, Santa Margarita River Investigation, Volume I, June 1956.  
 5 Riverside County Assessor Parcel Data, Close of Roll 2004.

Changes in land uses from 2005 to 2006 are shown in Table B-3. The land uses listed in the table are based on the Riverside County Assessor Parcel Data, Close of Roll 2006. Current land uses within the Santa Margarita Region are identified in the Santa Margarita Watershed Facilities Map in Appendix D of the DAMP.

B.4. Conserved Lands

Much of the remaining non-urbanized lands will ultimately be incorporated into the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The MSHCP requires the ongoing conservation of 500,000 acres within the County, a large portion of which are in the SMR (at least 150,000 acres in total, or approximately 1/3 to 1/2 of the SMR). There are approximately 70,000 acres of existing public or quasi-public lands preserved within the Watershed. Approximately 10,000 additional acres has been purchased since the adoption of the MSHCP. The Criteria Reserve Goals and Objectives will add approximately 70,500 additional acres of permanent habitat reserve lands that the RCA will purchase with MSHCP mitigation fees generated by the plan.

Table B-3. Change in Land Use – 2005 to 2006<sup>(a)</sup>

Land Use	2005					2006					Change	
	(Acres)				% of Total	(Acres)				% of Total	2005 to 2006	
	Uninc <sup>(b)</sup>	Murrieta	Temecula <sup>a</sup>	Total		Uninc <sup>(b)</sup>	Murrieta	Temecula	Total		(Acres)	%
Commercial	532	631	1,178	2,341	0.7%	785	698	1277	2760	0.8%	419	17.9%
Industrial	80	161	608	849	0.2%	111	161	608	880	0.3%	31	3.7%
Urban Residential (< 1 acre)	2,219	4,341	4,888	11,448	3.3%	2973	4567	5034	12574	3.6%	1,126	9.8%
Parks & Recreation Facilities	1,278	942	1,712	3,932	1.1%	1983	994	1755	4732	1.3%	800	20.3%
Streets & Roads		2,456	2,280	4,736	1.4%		2463	2287	4750	1.4%	14	0.3%
<b>Subtotal – Urban Land Use</b>	<b>4,109</b>	<b>8,531</b>	<b>10,666</b>	<b>23,306</b>	<b>6.7%</b>	<b>5852</b>	<b>8883</b>	<b>10961</b>	<b>25696</b>	<b>7.4%</b>	<b>2,390</b>	<b>10.3%</b>
Preserves & Open Space	97,941	7,610	4,173	109,724	31.3%	86726	6891	3657	97274	27.7%	-12,450	-11.3%
Rural Residential (> 1 acre)	79,377	2,216	2,197	83,790	23.9%	85447	2596	2345	90388	25.8%	6,598	7.9%
Agriculture	25,505	443	51	25,999	7.4%	28750	480	125	29355	8.4%	3,356	12.9%
Highways & Roads	7,487			7,487	2.1%	7495			7495	2.1%	8	0.1%
Federal/State/Tribal Lands/Non-County Jurisdiction	96,379	1,315	1,293	98,987	28.2%	96552	1321	1295	99168	28.3%	181	0.2%
No Land Use Designation	1,035	366	98	1,499	0.4%	1011	310	95	1416	0.4%	-83	-5.5%
<b>Total</b>	<b>311,833</b>	<b>20,481</b>	<b>18,478</b>	<b>350,792</b>	<b>100.0%</b>	<b>311,833</b>	<b>20,481</b>	<b>18,478</b>	<b>350,792</b>	<b>100.1%</b>	<b>0</b>	

(a) 2005 figures based upon Riverside County Assessor Parcel Data, Close of Roll 2005. 2004 figures based on County Assessor Parcel Data, Close of Roll, 2004

(b) Uninc = Unincorporated County

**C. A Description of Efforts to Coordinate with other Stakeholders in the Watershed, such as San Diego County and the US Marine Corps Base Camp Pendleton.**

C.1. Introduction

The Permittees schedule at least one annual meeting with the San Diego County MS4 Permittees with the Santa Margarita Region, Camp Pendleton, and others. The purpose of having these meetings are to:

- Discuss land use planning;
- Discuss monitoring data and potential management measures to target Focus Area Constituents of Concern;
- Exchange ideas of how to address sources of Focus Area Constituents of Concern and evaluate effectiveness of actions;
- Collaborate with water districts in an effort to reduce irrigation water runoff; and
- Consider grant applications to coordinate and prioritize water quality projects that address Focus Area Constituents of Concern.

This meeting may occur from within the context of another workgroup, such as the SMREMT, or as separately called meetings, as appropriate.

The District, in consultation with the Permittees, participates in several cooperative activities through informal or formal regional stakeholder workgroups. Stakeholders often include other public and private entities within the SMR. These efforts can broadly be categorized as watershed management efforts to address stormwater quality issues within the SMR, or broader regions including the SMR. These efforts may be expanded, reduced or abandoned over time based on budget, changing regulations, program needs, program effectiveness consideration, or other factors.

Coordination between watershed stakeholders has continued to expand. There are now at least three separate watershed stakeholder groups meeting several times a year to discuss a) the lagoon TMDL; b) watershed based planning issues and a watershed model for the Santa Margarita River and c) the Santa Margarita Watershed NNE/TMDL efforts. These efforts are inter-coordinated and have been led, at stakeholder request, by the Bureau of Reclamation. Due to the interconnectedness of the aforementioned efforts, they are all being coordinated by the Santa Margarita River Executive Management Team. In addition, the Permittees continue to coordinate with the Southern California Monitoring Coalition, a cooperative effort between Southern California Counties and Regional Water Quality Control Boards geared towards improving the science of stormwater monitoring. Additional information on these efforts is provided below.

## C.2. Santa Margarita River Executive Management Team (SMREMT)

During FY2005-2006, the District continued its participation in the SMREMT. Participants include the District, the U.S. Bureau of Reclamation, Murrieta County Water District (now Western Municipal Water District), Eastern Municipal Water District, Fallbrook Public Utilities District, U.S. Marine Corps Camp Pendleton, San Diego County, Mission RCD, Elsinore-Murrieta-Anza RCD, San Diego Regional Board, and San Diego State University. SMREMT has focused its efforts to identify and address the highest priority water quality concerns in the Santa Margarita Watershed, including development of a watershed model to assist with land use planning and TMDL development, coordinating watershed monitoring, and developing formal agreements between interested stakeholders for the purposes of evaluating impairment listing and data gaps in the watershed. Both Urban Runoff and reclaimed water issues are being studied. Projects include the “Santa Margarita Watershed Supply Augmentation, Water Quality Protection, and Environmental Enhancement Program” (SMR Study).

The most recent task, Phase 3, was to develop a watershed model for the entire SMR watershed that would incorporate surface water, groundwater, and lagoon modules.

Phase 3A, which was completed in December 2003, was the development of a preliminary model to address water quality issues in the SMR watershed and evaluation of the effectiveness of the model for determining the assimilative capacity of the SMR and its ability to resolve long-term issues of effluent discharge to the river. The Watershed Analysis Risk Management Framework (WARMF) computer model was selected as the basis for the SMR watershed model.

The SMREMT has been working out the Phase 3B Scope of Work and funding arrangements. Tasks being considered under Phase 3B include:

- Determine how the SMR watershed model could be refined to support stakeholder driven TMDL development in the watershed;
- Develop a proposed work plan that could be used to seek future Basin Plan amendments, such as site-specific nutrient criteria;
- Document ground/surface water interactions below the Santa Margarita Gorge;
- Update the SMR watershed model; and
- Prepare SMR watershed documentation for the SMR watershed model.
- Model proposed management programs in the SMR.

The model is based on WARMF. The current version of WARMF is compatible with EPA BASINS and has been released to the public domain through EPA’s Ecosystem Research Division’s TMDL Modeling Toolbox.

The U.S. Bureau of Reclamation (USBR) has approached San Diego Regional Board staff requesting that they consider 3<sup>rd</sup>-Party TMDL development for nutrients and Total Dissolved Solids in the SMR watershed. The San Diego Regional Board responded that they “do not plan to enter into an agreement with USBR to institute a third party TMDL program.” The SMREMT stakeholders are now reevaluating their objectives and priorities for the Santa Margarita Watershed.

Meeting dates with the SMREMT, or coordinated with the SMREMT to discuss watershed issues include: September 7, 2005; October 13, 2005; February 6, 2006; June 19 and 27, 2006. Copies of meeting Agendas are contained in Appendix A, where available.

### C.3. Southern California Stormwater Monitoring Coalition (SMC)

The District participates in the Stormwater Monitoring Coalition (SMC) on behalf of the Permittees. The SMC includes representatives from the Los Angeles, San Diego and Santa Ana Regional Boards and each of the Principal Permittees in Southern California (i.e., the counties of Los Angeles, Orange, San Bernardino, San Diego and Ventura), and other interested municipalities. The overall goal for the SMC is to establish a Southern California storm water research and monitoring agenda that would focus on improving storm water monitoring science, coordinate data collection efforts, and evaluating the effects of storm water discharges to receiving waters specific to Southern California. Appendix A contains the SMC Annual Report, which highlights activities completed during the past fiscal year.

In addition to the completed projects identified in the SMC Annual Report, the SMC has pursued consolidated grants for phase 2 of the Peak Flow Study and a Study of the effectiveness of Low Impact Development BMPs in Southern California. Pending results of those grant applications in October, the SMC will re-evaluate next steps for these proposed projects. The proposed peak flow study would meet the intent of Requirement F.2.b)(9) of the Third-Term MS4 Permit.

In addition, the SMC has completed, or is in the process of completing most of the projects in its initial five year research agenda and is now evaluating future projects for the next five year period. This analysis is being coordinated with CASQA and the RWQCBs. Finally, the District is also coordinating with the Southern California Coastal Water Research Project (SCCWRP), who facilitates the SMC, to collect data on natural loadings of various pollutants from watersheds throughout Southern California.

Meeting dates attended are: September 13 and 21, 2005; December 6, 2005; March 7, 2006. Copies of meeting Agendas are contained in Appendix A.

C.4. California Stormwater Quality Association (CASQA)

CASQA assists the State Water Resources Control Board (SWRCB) and municipalities throughout the state of California in implementing NPDES stormwater mandates of the Federal Clean Water Act.

In fulfilling this purpose, CASQA recommends objectives and procedures for stormwater discharge control programs which:

- Are technically and economically feasible;
- Provide significant environmental benefits and protect our water resources;
- Promote the advancement of stormwater management technology; and
- Effect compliance with State and Federal laws, regulations and policies.

CASQA also holds workshops on important technical issues such as better understanding of monitoring programs and best management practices.

The Permittees have strongly supported CASQA's mission. The Permittees use CASQA's resources to improve compliance programs. Several Riverside County Flood Control and Water Conservation District NPDES staff and Board Members are Committee Chairs of CASQA. Specifically:

- Steve Stump, Board Member since 2004
- Jason Uhley, Legislative Chair, Since 2003
- Linda Garcia, Monitoring Co-Chair, Since 2004

**D. An Assessment Of Water Quality In The Santa Margarita Watershed Area Of Riverside County, This Assessment Shall Include Data From The Previous Monitoring Report.**

This reporting requirement is addressed in the conclusion of the Monitoring Annual Report (Appendix G).

**E. Identification of Water Quality Improvement or Degradation**

This reporting requirement is addressed in the conclusion of the Monitoring Annual Report (Appendix G).

**F. A Prioritization of Water Quality problems and potential sources**

This reporting requirement is addressed in the conclusion of the Monitoring Annual Report (Appendix G).

## G. A Description of Watershed Specific Educational Activities Conducted During the Reporting Period

### G.1 Introduction

This section provides an overview of watershed specific education activities conducted by the Permittees. During the reporting period Appendix B contains images of most public education materials that are described in this section. Impressions, attendance, and other measures of effectiveness relative to these programs are included in Section J (Assessment of Overall Program Effectiveness) of this Watershed Annual Report.

#### G.1.1 Program Overview

The Riverside County NPDES Permittees have established an ongoing watershed based public education and outreach program known as the **“Only Rain Down the Storm Drain”** pollution prevention program. The specific objectives of the public education program include:

- Fostering a broad public awareness of water pollution concerns;
- Increasing public acceptance of pollution prevention activities to curtail everyday human behaviors that contribute to water quality problems;
- Educating/informing the general public, regulators and key local government and state decision makers on Urban Runoff conditions in Riverside County; and
- Promoting stewardship of local water resources.

The “Only Rain Down the Storm Drain” program implements the public awareness objectives by focusing on three areas of pollutant reduction/prevention:

- Public Behavior;
- Proper Management of Pollutants; and
- Business Specific Education Outreach.

In addition, when attempting to make use of the finite resources available to the Public Education Program, the Permittees use these management goals to ensure that resources are used effectively:

- Focusing on pollutants of concern specific to each watershed region;
- Coordinating public education efforts with adjacent storm water management programs and other related education programs to share resources, coordinate outreach efforts, and avoid costly duplication of effort; and
- Adapt public education programs and objectives, based on effectiveness analysis, to address changing MS4 programs and objectives.

### G.1.2. Program Highlights

The public education program was continues to revamp this year. Highlights include:

- The public education program has developed surveys in both English and Spanish to be distributed to the public at community events. The purpose of these surveys is to evaluate the effectiveness of the public education program. The results of these surveys are contained in Appendix B. Two surveys were also developed for the K-3 and 4 through 6 grades education outreach programs. However, the Permittees are currently evaluating the feasibility of this survey effort due to the limited time provided by teachers in the classroom.
- The public education web page continues to be revamped and improved.
- The program continues to update brochures and develop outreach programs specific to the needs of the MS4.
- An update of the current Home Garden Care Guide was made to allow for it to be distributed to a wider audience for less money. The guide is tailored for the interest of the professional gardener and is also developed to attract the interest of the novice to the experiences gardener. There is a more extensive reference list and actual photograph examples instead of artist renderings.
- The “Only Rain Down the Storm Drain” Program contracted with a consultant [Camp, Dresser and McKee (CDM)] to perform a complete enhancement analysis of our current municipal training programs. The intent is for the Permittees to identify needed enhancements to our training programs within the next fiscal year and begin work on improving the programs. A final report is expected in FY2007-08.
- As part of the on-going effectiveness evaluation for the municipal training programs, testing has been incorporated into the training for evaluation of its efficiency.
- Each month, the County hosts a New Employee Orientation to an average of forty new employees. All the attendees receive “Only Rain Down the Storm Drain” materials and promotionals. The Toll Free 800 Number the message to call to report illegal storm drain disposal is incorporated into all materials.

### G.2 Santa Margarita Pollutants of Concern

Based on monitoring data collected to date, the current 303(d) list, and discussions among the Co-Permittees, and stakeholders, the following preventative pollutants of concern were established for this watershed. More discussion on the selection of preventative pollutants of concern can be found in the monitoring section of this report. After each identified pollutant, specific BMP outreach activities are identified to address the pollutant:

- Sedimentation associated with Urban Development and Land Uses

- Specific section on construction, municipal, industrial/commercial and new development training focusing on the need to address sedimentation within the watershed;
  - Distribution of dust pans at public education outreach events to promote dry cleaning of drive ways and impervious surfaces;
  - Storm water and Construction BMP Poster;
  - School/Student program incorporates education on controlling soil erosion;
  - The “After the Storm” brochure; and
  - General Construction Activities brochure.
- Nutrients and pathogens associated with Urban Development and Land Uses
    - Specific section on construction, municipal, industrial/commercial and new development training focusing on the need to address increased nutrients within the watershed;
    - Pet Waste “What’s the Scoop” brochure;
    - Home Garden Care workshops;
    - Partnership with SGA Advertising to place pet waste information in pet stores, veterinarian clinics, kennels and pet grooming facilities;
    - Coordination with Riverside County Animal Control Department to distribute “What’s the Scoop” and “After the Storm” brochures to families adopting pets;
    - The Agricultural Commissioner assist in educating on water conservation, fertilizer management and integrated pest management practices. In conjunction with County Waste Management’s Composting Workshop, the “After the Storm” brochure and Household Hazardous Waste flyer is included in the adult informational packet.
    - "Keep Our Water Clean" video to cover proper use of fertilizers as well as excess runoff from sprinklers;
    - Annual National Pollution Prevention Week/Earth Day mailing inserts to inform residents about the problem of storm water pollution and provide simple pollution prevention activities in gardening;
    - Adult presentations conducted by RCRCDD discussing the effects of fertilizers and pesticides on local waterways;
    - The “After the Storm” brochure; and
    - Construction BMP Activities brochure and poster.

In addition, the District has developed other outreach materials to focus on other pollutants and pollutant causing activities/businesses commonly associated with urban runoff. These additional outreach materials are described in subsections that follow. Section G.7. specifically describes how outreach methods combine to focus on specific pollutants that may exist within the watershed. Impressions, attendance, and other measures of effectiveness relative to these programs are included in Section J (Assessment of Overall Program Effectiveness) of this Watershed Annual Report.

### G.3 24-hour Watershed-Wide Outreach Portals

The Permittees maintain three 24-hour/7 days per week watershed wide portals to receive and distribute information regarding the “Only Rain Down the Storm Drain” program. These portals include a website, 1-800 number, and an e-mail address. Impressions, attendance, and other measures of effectiveness relative to these programs are included in Section J (Assessment of Overall Program Effectiveness) of this Watershed Annual Report.

#### G.3.1. Storm Water Protection Program Website

The District operates a website that provides information on how to report illegal dumping, clogged storm drains and lack of curb markers, as well as provide information on upcoming activities, opportunities for public participation in program development and general information about Urban Runoff pollution prevention techniques. The website is located at:

<http://www.floodcontrol.co.riverside.ca.us/stormwater/>

Almost all of the District’s outreach materials have been scanned into an electronic .pdf format and are available for download. Online Order forms and phone numbers are also available to assist in obtaining information that might not be available online.

The website contains pages specific to the following target audiences:

- General Public/Residents
- Businesses
- Developers
- Contractors
- Schools and Teachers
- Kids Page

In addition the website contains links to:

- Assist viewers in locating their watershed
- An online media library
- Materials order form
- 1-800 information to report storm drain pollution
- View an online events calendar

The District tracks the number of hits to its public education website. The website was completely revamped during the previous reporting period and the web-page counter was replaced this reporting period. Results of the webpage counter report are included in Appendix B.

### G.3.2. Storm Water toll free 1-800 Hotline

On October, 1994, a Toll Free “800” telephone number for reporting suspected Urban Runoff pollution and obtaining pollution prevention information was established. This call line offers easy to understand instructions for connecting to County Environmental Health or Waste Management to obtain grasscycling, composting, or household hazardous waste collection dates and locations. The 24-hour Hotline also allows callers to report clogged catch basin inlets, illegal dumping and other illicit discharge violations. Finally, the hotline allows people to order public education materials and/or request storm water presentations for schools or community groups. The Permittees advertise the hotline in all appropriate County telephone directories, public education outreach materials, and in other appropriate venues and locations. Callers to the hotline are given options in both English and Spanish to seek emergency services if the spill is of a suspicious origin or a safety issue.

The 1-800 line diverts callers to appropriate Permittee departments based on caller selections. Callers requesting information on pollution collection activities are diverted to either County Environmental Health or Waste Management depending on their specific selection. Callers reporting illicit discharges are directed to County Code Enforcement, who accepts the calls and then re-directs them to appropriate Permittee Code Enforcement Departments. Calls for public education materials or presentations are directed to the District’s front desk, and then to the District’s Public Education Staff. School presentation inquiries are directed to the Riverside County Mission Resource Conservation District office, who have been contracted to provide education to elementary schools in the Santa Margarita Region. The specific text to the hotline is included as Exhibit A.

The provider of the 1-800 line, Riverside County Communication, tracks the number of incoming calls to the line. This tracking mechanism was discontinued during past reporting period but restored this reporting period.

## Exhibit A

### ONLY RAIN DOWN THE STORM DRAIN POLLUTION PREVENTION PROGRAM TOLL FREE 1-800 LINE DIALOGUE

Thank you for calling the “Only Rain Down the Storm Drain” Pollution Prevention Program. To better serve the needs of our County communities, please listen carefully to the following options:

If this is an emergency, or you wish to report a significant release or threatened releases of hazardous material into the storm drain or elsewhere in the environment, please hang up and immediately Dial 911.

(Si esta llamada es una emergencia o desea reportar desechos de contaminantes peligrosos en las alcantarillas o en el medio ambiente, por favor cuelge y llame 911.)

For water service connection, disconnection, or any other water utility information, call your local water service provider.

To report illegal dumping at residential, commercial, industrial or construction sites, please call Environmental Health at 951.955.8982, or press #1 to be directly connected.

For information regarding Household Hazardous Waste Collection Events, please Press #2.

To report clogged storm drains, please call your local municipal public works department. To report faded or missing “Only Rain Down the Storm Drain” storm drain markers, please press #3.

For General or specific business pollution prevention information or to receive other pollution prevention information please press #3.

(Drop Off Dialogue)

Thank you for your interest in obtaining information on storm drain pollution protection. Basic, construction, industrial, commercial and children’s storm water protection outreach packets are available. For a quick response to your request, please slowly and clearly leave your name, address, city and zip code. Also state the type and quantity of the materials you are interested in receiving. Should you need additional assistance, provide your area code and phone number and someone will contact you as soon as possible.

To inquire about our free stormwater classroom presentations, workshops, youth group activities and other outreach programs, please press #4.

(Drop Off Dialogue)

The “Only Rain Down the Storm Drain” public education program offers classroom presentations, workshops, youth group activities, special event opportunities and other programs. For inquiries for the Temecula or Murrieta area, please press #1 (Drops to Mission Resource Conservation District)

For inquiries in all other Riverside County areas, press 2 (drops to Riverside/Corona Resource Conservation District).

**For Grasscycling and composting information or workshops, please PRESS #5.** (to 951.486.3200)

For additional assistance regarding our storm drain pollution prevention program during regular business office hours, Monday through Thursday from 7:30 am to 5:30 pm and on Friday from 7:30 am to 4:30 pm press #6.

### G.3.3. E-mail

The Permittees also maintain an e-mail address that can be used to report illicit discharges or request storm water related public information. The e-mail address is:

[Flood.fcnpdes@co.riverside.ca.us](mailto:Flood.fcnpdes@co.riverside.ca.us)

E-mails are received by the District's Public Information Specialist and are responded to in most cases within 2 business days when possible.

### G.4. Program Coordination with other Stakeholders

The "Only Rain Down the Storm Drain" program has used partnerships to leverage available resources. The Permittees utilize every opportunity to work with Co-permittees, local environmental groups, and other public, private and business organizations to maximize use of existing distribution outlets, events, programs and materials. Impressions, attendance, and other measures of effectiveness relative to these programs are included in Section J (Assessment of Overall Program Effectiveness) of this Watershed Annual Report.

To facilitate statewide awareness of storm water public education, educate local and state decision makers, and assist in the development of more effective public education outreach programs, the District participates in the following public education committees:

- Public Information Public Participation Committee (PIPP) – A subcommittee of the California Storm Water Quality Association, and
- Western Regional Pollution Prevention Network (WRPPN)

To leverage education outreach resources and coordinate public education activities with other environmental programs, the Permittees closely coordinate and/or have existing partnerships with the following entities/organizations:

- Household Hazardous Waste Information Exchange (HHWIE); This is an eGroup that provides household hazardous waste affiliates the ability to better communicate, share ideas and the latest in legislative rulings.
- California Regional Environmental Education Community Network (CREEC)

A network whose mission is to develop a communication network which provides educators with access to high quality environmental education resources to enhance the environmental literacy of California students.

- Santa Margarita River Watershed Clean Up Group

In coordination with the Riverside County Community Improvement, Riverside County Park and Open Space District, Santa Margarita River Ecological Reserve, Santa Rosa Plateau State Ecological Reserve, the Nature Conservancy and the California Department Fish and Game, the California Coastal Commission's Coast Week Program support and encourage volunteers, partners and groups to gather for a day to remove trash and debris from the Santa Margarita River Watershed.

- In addition the "Only Rain Down the Storm Drain" program also coordinates with the following City/County departments to distribute appropriate storm water education outreach materials:

- City/County/District Front Counters
- Waste Management
- Public Health Department
- Agriculture Department
- Code Enforcement
- Animal Control;
- Economic Development Agency
- County Assessor/Recorders Office
- Bio-terrorism
- Fleet Services
- Human Resources
- Library System
- Central Mail
  - Stamp on every piece of mail sent by the County that identifies the 1-800 number and requests that citizens call it to report storm drain pollution.
- County Safety
- Transportation and Land Management.

In general, brochures and promotional items are provided to these departments for distribution in public lobbies, training sessions, through customer interactions and new employee orientations.

Finally, the Only Drain Down the Storm Drain Program also coordinates with the following state and/or local government or business entities to distribute public education information:

- Western Riverside Council of Governments
- South Coast Air Quality Management District
- Santa Rosa Plateau
- Bureau of Reclamation
- Metropolitan Water District
- Lake Elsinore/San Jacinto Watershed Authority

- Eastern Municipal Water District
- The Promenade
- Rancho California Water District
- Valley Greeters
- Department of Water Resources Southern District
- Western Municipal Water District
- Business Industrial Association (BIA)
- Caltrans

#### G.5. Outreach Tools to Change Public Behavior

The “Only Rain Down the Storm Drain” program conducts a wide range of outreach activities to residents, students, community groups, new home owners, homeowner associations; informing them of how their “everyday activities” may contribute to the pollution of Receiving Waters, and encouraging them to adopt alternatives that will lessen or eliminate pollution-causing behaviors. Program efforts include providing information on pollution prevention techniques and informing residents about the proper disposal of household hazardous wastes, construction materials, used motor oil, pet waste and litter. Public education materials and media emphasize the theme that all citizens have a role to play in reducing and preventing the polluting of Receiving Waters. The goal is to present a clear and consistent message that explains the simple connections between people’s everyday activities and their impacts upon Receiving Water quality.

As the public education and outreach program continues to be implemented and enhanced, the Permittees hope to broaden public awareness of Urban Runoff quality problems, promote proper disposal of household hazardous waste and motor oil, encourage illegal discharge reporting, foster good stewardship of Receiving Waters, and take personal responsibility for their actions in preventing pollution.

While public education outreach at events indicates that most people are willing to act in an environmentally responsible manner if given simple ways to change their behavior to avoid polluting our water bodies; most are unaware of the sources of pollution from everyday urban land use. The “Only Rain Down the Storm Drain” pollution prevention program using various media forms educates the County’s population about modified behaviors to prevent storm water pollution by focusing on residents, general public, students, home gardeners, do-it-yourselfers, mobile businesses, etc. Impressions, attendance, and other measures of effectiveness relative to these programs are included in Section J (Assessment of Overall Program Effectiveness) of this Watershed Annual Report.

##### G.5.1. Direct Outreach methods

The “Only Rain Down the Storm Drain” program interfaces directly via program staff, or through contracts and partnerships, to the public through attendance at community events, school education programs, adult education

programs and/or by providing classroom based training. Specific outreach activities, segregated by target audiences, are described below.

### General Community Outreach

The “Only Rain Down the Storm Drain” program participates in various community events to ensure that our message is delivered to the largest possible municipal audience. At these community events, surveys, to assess overall program effectiveness, have been used.

In addition, the “Only Rain Down the Storm Drain” program has partnered with County Environmental Health to ensure that a storm drain pollution prevention material is available and distributed at all Household Hazardous Waste and Antifreeze, Batteries, Oil and Paint Collection Centers and/or Events throughout each of the Watershed Region’s within Riverside County. These events provide free disposal sites for receiving common pollutants that can impair Receiving Waters.

### Elementary School Outreach

#### *Elementary (K-6)*

The Mission Resource Conservation District (MRCD) continues to provide a variety of K-6 education programs for the “Only Rain Down the Storm Drain” Program. The K-6 education program includes materials such as the Storm Water Pollution Prevention Patrol workbook, the Fancy Fin hands-on classroom presentation and accompanying coloring book, various word match and crossword activity sheets and videos. A second story line featuring Fancy Fin and her friend Phinnious J. Green (a Pacific Tree Frog) educate students about point and non-point pollution and their effects on the environment and other creatures in the watershed. School materials are offered to all public and private schools in the Santa Margarita Region, as well as to youth groups such as the boy and girl scouts.

#### *Secondary Schools*

A video entitled “How to Conduct an Environmentally Friendly Car Wash and Make Money Too” was developed for the “Car Wash Challenge” program. An accompanying flyer is also used which informs students/groups of the potential storm water problems generated from car wash runoff, and provides practical BMPs to minimize or eliminate contaminated runoff. The original focus of the program was high school clubs. However, after contacting several high schools, it was discovered that car washing fundraisers are relatively rare and revenue deficient in comparison with other high school fund raising activities. Nevertheless, church groups, scout troops and other organizations do conduct car wash fundraisers. Thus, the scope of the Car Wash Challenge program has been expanded to include these additional fundraising organizations.

### Adult Outreach

Valley Greeters is a “Welcoming Wagon” business taking discount coupons, product samples and general vicinity information door to door to new residents and homeowners to the Temecula, Murrieta and Lake Elsinore area. For the past four years, Valley Greeters has included our MS4 materials, (After the Storm; What’s the Scoop; Pool, Spa and Fountain Maintenance and HHW Collection Schedule). This information is accompanied with a handy full size dustpan, shop cloth and vehicle air freshener. Every material and promotional is clearly imprinted with the 1-800 Toll Free number for reporting illegal discharges into the storm drain. Young family members receive a copy of Fancy Finn and box of crayons for their learning enjoyment.

The “Only Rain Down the Storm Drain” program contracts with the Mission Resource Conservation District for public outreach. Storm Water Pollution Prevention presentations are given to community groups who call and request such services.

Steve Groner Associates has been retained to prepare and present workshops at major home improvement stores throughout Riverside County. The workshops include passing out reading material regarding targeted BMPs to the public through established corporate partnerships (paint, hardware, home show coordinators, home improvement, garden centers, nurseries and pet stores). All commercial employees are informed about storm water impacts that could occur from the improper application of all types of home and garden hazardous chemicals. In turn, the employees are then able to share with customers on the proper use and disposal of products that are potential storm drain pollutants. Attendees at the workshop receive “Only Rain Down the Storm Drain” promotionals to help emphasize the storm water pollution prevention message. Fixed advertising tools such as counter displays, tear sheets have been placed throughout to attract attention.

#### G.5.2 Brochures

Residential: After the Storm; Household Hazardous Waste Collection Schedule, Outdoor Activities; Swimming Pool, Jacuzzi and Fountain Maintenance; and What’s the Scoop (Petwaste).

#### G.5.3 Outreach Materials

In addition to the brochures mentioned above, the program utilizes other effective outreach materials such as, magnets, a billboard ad, videos, newspaper supplements, flyers, door knob hangers, calendars, promotional items, workbooks, curriculum, shop rags, shelf talkers, tear sheets, posters and print ads to cultivate interest in the program.

A door hanger is also being utilized to help address problem discharges that are commonly observed in residential settings. The door hanger notifies the recipient that a problem discharge was observed flowing in to the street and offering help by following recommended pollution prevention activities. The door hanger is provided to all cities and is used by various County departments and the NPDES staff when conducting field or site activities/inspections.

#### G.5.4 Mailing Inserts/Slugs

The “Only Rain Down the Storm Drain” Pollution Prevention Program encourages advertising the County’s Household Hazardous Waste Collection events via the use of mail inserts. The inserts are included in various utility bills and special notice mass mailings.

In addition, the “Only Rain Down the Storm Drain” program has coordinated with the County Mail Department to have the postage meter carry the “Only Rain Down the Storm Drain” message and the 1-800 Toll Free number to report an illegal storm drain disposal or spill. Over 5,000,000 pieces of outgoing County mail is imprinted with the storm drain message.

#### G.5.5 Media Outreach

The “Only Rain Down the Storm Drain” Program continues to utilize various mass media to reach the public and promote the storm water pollution prevention. Special newspaper inserts, fliers, and advertisements help increase public awareness of storm water pollution and environmental protection.

Our Sixth Edition of a four-page insert called the National Pollution Prevention or P-2 (National Pollution Prevention Week recognition), was distributed Countywide through the PennySaver. The insert included topics on proper disposal of pet waste, pesticide alternatives, motor oil recycling, grass-cycling, pool and spa best management practices, storm drain marking program, storm water school presentations, general storm drain pollution protection, business storm water pollution information, household hazardous waste (HHW) collection events, syringe disposal program, composting workshops and motor oil specific recycling locations. The insert is released to over 650,500 Riverside County homes generating an increase of calls on the 800 Toll Free Hotline and District IC/ID investigations.

#### G.5.6. Cooperative Used Oil Program

The Western Riverside Council of Governments (WRCOG) is responsible for administering the Used Oil Block Cycle Grant on behalf of ten cities within WRCOG’s boundaries. These cities include: Banning, Beaumont, Canyon Lake, Lake Elsinore, Murrieta, Norco, Perris, Riverside, San Jacinto and Temecula.

The objective of the Used Oil Block Grant is to make it convenient for Do-It-Yourselfers (DIYers) to recycle their used oil and to make it easy for them to find a Certified Center accepting used oil. In order for these centers to be certified, they need to apply for certification with the California Integrated Waste Management Board (CIWMB). As a grant recipient, WRCOG contacts non-certified centers in the jurisdictions to interest them in becoming certified used motor oil collection center. The goal is to see a significant decrease in the amount of illegally dumped motor oil by adding more oil collection centers within close proximity to users.

Through the same grant funding source, WRCOG also provides used oil containers for distribution to DIYers who need proper containers for automotive fluids. Through WRCOG efforts, all certified centers in the County are in compliance to state and local mandates.

The Storm Drain Pollution Prevention Program assists WRCOG's efforts by making available our MS4 information and supporting promotionals for distribution to their targeted groups.

At various venues, WRCOG staff obtain participant responses to a ten question survey. The survey examines the public's understanding on:

- used oil recycling,
- used oil drop-off locations,
- curbside programs and other local recycling programs.

The program also maintains an English and Spanish 800 hotline that can be used to get answers to any recycling question a resident may have regarding, "where the nearest Certified Center is located?" and "where can I find a used oil container?". The phone number is printed on all distributed materials including the oil containers.

#### G.5.7 Cleanest County in the West Program

Through another grant funding source, WRCOG created the "Cleanest County in the West" program to address issues relating to litter and illegal dumping. The program was designed to assist jurisdictions in meeting the 50% diversion goals mandated by Assembly Bill 939. AB 939 was a state mandate signed in 1989 that required cities to reduce their waste by 50% by the year 2000.

The core of the program is the elementary school assembly. WRCOG partners with Radio Disney AM 1290 to present an interactive and informational presentation for children in grades K-6<sup>th</sup>. This program continually reinforces the responsibility of everyone to recycle and pick up litter.

WRCOG at the end of the assembly gives the school two recycling containers for the collection of cans and bottles. During the 05/06 school year, over 18,000 students and 600 teachers have experienced the assembly. Each student receives an environmental activity book and an application to join the Riverside County Kids Recycle Club where they will receive a quarterly newspaper. This club has over 200 members.

Like the “Only Rain Down the Storm Drain” Program which promotes litter reduction and recycling throughout the Santa Margarita Region, WRCOG also participates in events to promote litter reduction and beverage container recycling. These events gives staff an opportunity to assess how informed the local community is regarding recycling and also allows us to distribute brochures and informational flyers that will assist people in finding the nearest recycling center. During these events promotional items made from recycled content are also given out to show examples on how used items such as money can be recycled into new things such as a pencil, a promotional product first used by the “Only Rain Down the Storm Drain” Program. This particular promotional item especially increases the interest of the people visiting our booth and demonstrates how almost anything can be recycled and reused.

#### G.6. Outreach tools specific to Business Specific

The “Only Rain Down the Storm Drain” Program conducts a wide range of outreach activities to businesses; informing them of how their “everyday activities” may contribute to the pollution of Receiving Waters, and encouraging the use of alternatives that will lessen or eliminate polluting-causing activities. Program efforts include providing information on pollution prevention techniques and informing businesses about the proper disposal of wastes. Public education materials and media emphasize the theme that all businesses have a role to play in reducing and preventing the polluting of Receiving Waters. The goal is to present a clear and consistent message that explains the simple connections between a business’ everyday activities and their impacts upon Receiving Water quality.

Originally, the business education program mainly consisted of the development and distribution of formal BMP guidance and outreach to business associations. The program has now expanded to include direct outreach to businesses through classroom formats and advertising in business trade papers and providing exhibits at various business specific symposiums.

Discussion of the current Business Specific Outreach tools implemented by the Permittees are discussed below. Impressions, attendance, and other measures of effectiveness relative to these programs are included in Section J (Assessment of Overall Program Effectiveness) of this Watershed Annual Report.

### G.6.1 Direct Business Outreach Activities

The “Only Rain Down the Storm Drain” Program partners with various entities to provide training and education. Currently, the District has allowed AEI-CASC Engineering, a consultant who provides the Permittees internal education programs to train developers and consultants regarding the new WQMP/SUSMP requirements for Riverside County. The District has partnered with Riverside/Corona Resource Conservation District, to develop a Water Quality Design class that focuses on sub-regional solutions and low impact development. This class was offered for the first time through UCR extension in October 2005. Additionally, the District presented at Construction Storm Water Compliance Workshop hosted by the Building Industry Association of Southern California (BIA/SC) on March 22, 2006. The workshop focused on state and municipal construction requirements for contractors, developers, and consultants.

Through the Compliance Assistance Program (CAP), a partnership with County Environmental Health restaurants and businesses that handle hazardous wastes are reviewed for potential storm water impacts from their activities. Each business is provided with storm drain pollution prevention public education outreach information specific to their activities.

Steve Groner Associates has been retained to prepare and present workshops at major home improvement stores throughout Riverside County. The workshops include a handout educating the store’s employees about storm water impacts that could occur from improper application of paint, pesticides or fertilizers. Attendees at the workshop also receive “Only Rain Down the Storm Drain” information and promotionals to help highlight the storm water protection message. Employees are then able to share with customers the proper use and disposal of products that are potential storm drain pollutants. Point of purchase displays, tearsheets and counter displays have been installed at strategic locations to educate the public directly.

Each new business trade in Riverside County that is listed in the Inland Business Press newspaper is provided with an “Only Rain Down the Storm Drain” Pollution Prevention packet.

#### G.6.1. Brochures

Commercial: After the Storm; Food Facilities; Outdoor Cleaning Activities and Non-Point Source Discharges; Automotive Maintenance & Car Care. Note: (Staff is revising the Outdoor Activity brochure to include broader examples of urban pollution causing activities such as, power washers and mobile vehicle maintenance operators).

Industrial: After the Storm; Outdoor Cleaning Activities and Non-Point Source Discharges; and Your Facility May Need a Storm Water Permit.

Construction: After the Storm; Outdoor Cleaning Activities and Non-Point Source Discharges; General Construction & Site Supervision

G.6.2 Posters

BMP posters for automotive, food service establishments (available in Spanish) and construction employees are available. The posters address activities associated with the automotive repair industry, and the food/restaurant industry that may pose a threat to water quality. There are also two new posters for the Fueling Stations and Service Bay Service centers. All the posters recommend storm water BMPs and are designed to serve as informative and attractive visual reminders for employees.

G.6.3. Media Outreach

In April of 2006, a full-page ad was placed in the Inland Business Press newspaper to draw the attention of Inland Empire businesses whose urban runoff activities might be threatening local water quality. The ad also provided links to the District's and CASQA's website for more detailed BMP information.

G.6.4. Supplemental Environmental Projects (SEP)

In an effort to change the behaviors of large storm drain pollution prevention offenders in the County, Environmental Health established a Supplemental Environmental Project (SEP). The S.E.P. requires from the violator a monetary fine and/or the violator's cooperation for the development of a public education tool on the effects of polluted urban runoff. SEPs to date include:

- A Downs Energy SEP project resulted in the development of a billboard ad that has been greeting commuters traveling Eastbound on the 60 Freeway lanes.

G.7. Outreach tools specific to Pollutants

The "Only Rain Down the Storm Drain" Pollution Prevention Program conducts a wide range of outreach activities focusing on reduction of certain pollutants in the receiving waters. These outreach activities focus on sources of those pollutants whether it is residential, business, municipal or some other state or federal source. Education materials explain how "everyday activities" of potential sources may contribute to the pollution of receiving waters, and encourage the sources to adopt alternative approaches to pollutant management that will lessen or eliminate polluting-causing activities. Program efforts include providing information on pollution prevention techniques and informing sources about the proper disposal of pollutants. Public education materials and media emphasize the theme that all citizens/businesses have a role to play in reducing and preventing the polluting of receiving waters. The goal is to present a clear and consistent message that explains

the simple connections between a business' everyday activities and their impacts upon receiving water quality.

Each subsection that follows identifies how existing outreach materials previously described address specific potential pollutant sources in the watershed. Impressions, attendance, and other measures of effectiveness relative to these programs are included in Section J (Assessment of Overall Program Effectiveness) of this Watershed Annual Report.

#### G.7.1 Use of pesticides, fertilizers, and herbicides.

- A. The Riverside County Agricultural Commissioner's Pesticide Applicator's License renewal information package includes materials on the proper use of pesticides and offers information on training workshops. The license renewal process requires continuing education of applicants and detailed record keeping of pesticide applications. Municipal employees that are responsible for the application of pesticides are encouraged to obtain and maintain credentials as Certified Applicators and/or licensed Pest Control Advisors.
- B. The "Home Garden Care Guide" is being revised to draw and attract the interest of the general public and amateur gardener. The guide will also be updated to include Integrated Pest Management and plant selection and materials from the State Water Resource Control Board, Central Contra Costa IPM Outreach Program, University of California and The Orange County Storm Water Program are being used. All the materials selected offer alternatives to using pesticides, herbicides and fertilizers.
- C. The "Keep Our Water Clean" video covers proper use of pesticides, fertilizers and herbicides as well as excess runoff from sprinklers.
- D. The September annual "Only Rain Down The Storm Drain's" participation in the National Pollution Prevention Week insert informs residents about the problem of storm water pollution and provides simple pollution prevention activities in gardening.
- E. The "Only Rain Down the Storm Drain" adult presentations conducted by MRCD discusses the effects of pesticides and fertilizers on local waterways. The materials distributed following the presentation promote alternatives to pesticide use in the yard and garden.
- F. The 2005 Environmental Calendar include a wide array of storm water protection information. It is designed to attract the adult audience by listing best management practices, scheduled special events, household hazardous waste collection sites, used oil collection

sites, composting workshops, citywide clean ups, and each of the watersheds along with geographical information. Throughout the calendar the main message is “Only Rain Down the Storm Drain” and the hotline number to call for additional home garden care information.

- G. Steve Groner Associates has been retained to prepare and present employee workshops at major home improvement stores throughout Riverside County. This information is then passed on to the public via the shelf talkers accessible to the public or when an employee is addressed with a question. The workshops include information on BMPs the public should be aware of for pesticide and fertilizer application, use, and storage.

G.7.2 Educate/inform on the negative impacts from littering and improper waste disposal.

- A. The brochure "*Household Hazardous Waste - A Guide For Proper Disposal Of HHW And The Use Of Environmentally Friendly Products*" informs residents of the effects of improper disposal of HHW and offers recipes for less toxic alternatives to commonly used household products. This brochure is currently in revision for updating contacts, phone numbers and website links.
- B. Through classroom activity books, work sheets, coloring books and presentations, children are taught to put trash in its proper place, to never throw hazardous products in the trash, and to dispose of HHW at an HHW collection event.
- C. All “Only Rain Down the Storm Drain” brochures, promotionals and the dual picture frame magnet support and encourage residents to report illegal dumping to the “Only Rain Down the Storm Drain” toll-free phone number. The magnet design was changed to ensure a more practical and preferred informative promotional.
- D. The MRCD adult presentation discusses the various pollutants of concern that contribute to storm water pollution – including trash and debris – and reminds residents to always pick-up waste and dispose of it properly.
- E. A door hanger is available informing residents about the effects of improper waste disposal and encourages them to participate in simple pollution prevention activities.
- F. Car litter bags
- G. Portable ashtrays.

G.7.3. Educate/inform on impacts from dumping pollutants into storm drainage systems.

- A. The "*Storm water Pollution - What You Should Know*" brochures informs residents of the negative environmental impacts caused by pollutants allowed to enter storm drains.
- B. The "*Keep Our Water Clean*" video and PSAs inform residents about the problem of storm water pollution and describes pollution prevention activities.
- C. The school program stresses the message of never dumping anything into a storm drain. Both the Santa Ana Classroom activity book and the "Fancy Fin" presentation specifically address this issue.
- D. MRCD makes efforts to organize volunteer groups for catch basin marking events throughout the Santa Margarita Area. The durable and colorful storm drain marker reminds residents to NEVER POUR ANYTHING DOWN A STORM DRAIN.
- E. The "*Only Rain in the Drain*" song, produced by the "Only Rain Down the Storm Drain" program for the elementary school education program, also addresses the improper dumping issue.
- F. The MRCD adult presentation addresses the issue of improperly dumping pollutants into the storm drain and advises residents that storm drains connect directly – without treatment – to local waterways.
- G. The "2005 Environmental Calendar" contains various informative articles to remind users to keep all wastes out of the storm drain system, and more specifically to remember the "Only Rain Down the Storm Drain" slogan.
- H. The door hanger informs residents about the effects of dumping pollutants into the storm drains, encourages them to follow simple pollution prevention activities and curtails illegal dumping behavior.
- I. Steve Groner Associates has been retained to prepare and present employee workshops at major home improvement stores throughout Riverside County, so that employees can properly share with the public the safe disposal of hazardous waste when an employee is asked. The workshops mention that paints or paint-related products should never be disposed of in a storm drain or gutter. Tear sheet displays are also placed near the register which lists the valuable Household Hazardous Waste schedule.

G.7.5. Educate on impacts from gasoline, fuel oil, and oil and grease.

- A. The "*Automotive Maintenance & Car Care*" BMP brochure specifically identifies recommended BMPs that address the problem of gasoline, oil and grease entering into storm drains.
- B. Nearly all "Only Rain Down the Storm Drain" brochures, utility inserts, advertisements, the school program, and video PSAs provide information on the water quality impacts from improper disposal and spills from gasoline, oil and chemicals in a general context.
- C. The "Keep Our Water Clean" video specifically covers the topic of grease and oil from vehicles.
- D. The "Only Rain Down the Storm Drain" works cooperatively with the Permittees' motor oil recycling programs to distribute information on the "why" and "how to" of used motor oil disposal. The motor oil recycling programs actively distribute the "Only Rain Down the Storm Drain" materials in conjunction with their outreach efforts since both programs are working toward the same goal of environmental protection through pollution prevention.
- E. The new "*What you should know for . . . Outdoor Cleaning Activities*" brochure informs customers that vehicle fluids pose a threat to local waterways and groundwater resources and provides BMPs to keep these pollutants out of the storm drains. This brochure is being revised to include power washing activities and additional MS4 requirements.
- F. The "*Environmental Calendar*" provided a full page section on recycling motor oil. The calendar included information on the environmental problems spilled motor oil can cause. The State's 1-800-CLEANUP toll free number is provided to locate the nearest motor oil collection center in Riverside County, the calendar also lists the State's Clean Up Website at [www.1800cleanup.org](http://www.1800cleanup.org).
- G. Environmental Health Household Hazardous Waste Collection Schedule is provided with all of our storm water related materials and promotionals. The schedule covers the times, dates and locations of both temporary and permanent facilities from September through to June. Their website is: [www.rivcoeh.org](http://www.rivcoeh.org).

G.7.6. Educate/inform on impacts from airborne particles.

- A. The County of Riverside has a well participated Employee Rideshare Program, which encourages employees to carpool, vanpool, use transit, cycle or walk to work. Also, the County actively supports the use of zero/low emission vehicles. The County's Fleet Services

includes a variety of alternative vehicles including CNG, propane, electric and methanol powered vehicles.

- B. Various County facilities are installing alternative fuel fueling stations to expand the use of alternative fuel vehicles. This is a direct result of the County Board Policy to use alternative fuel vehicles as the “first choice” when purchasing or leasing vehicles.
- C. The County of Riverside is an active member of the Clean Cities Coalition and provides financial support for various clean air efforts/activities throughout the County.
- D. The County also partners with the South Coast Air Quality Management District and their highly successful Lawn Mower Exchange Program.

G.7.9. Educate on the need to keep storm water from contacting potential contaminants.

- A. The "After the Storm" brochures inform residents about keeping storm water from contacting potential contaminants and explains various pollution prevention activities. It also advises residents to keep common storm water pollutants from entering our storm drains.
- B. The *Automotive Maintenance & Car Care*, *The Food Service Industry*, and the *General Construction & Site Supervision* BMP brochures all advise facility and site operators to properly manage pollutant sources and prevent polluted storm water from entering storm drains. The brochures also inform owner/operators that local ordinances strictly prohibit the discharge of pollutants to the storm drain system or local waterways without a permit. Each of these brochures has a companion poster.

G.7.10 Educate on the clean-up and proper disposal of pet waste.

- A. The "What's the Scoop" and Storm Water Pollution...What you Should Know" brochures addresses the need to pick-up animal waste and to dispose of it properly.
- B. The school activity book and the "Fancy Fin" presentation discuss the proper disposal of pet waste.
- C. The "Keep Our Water Clean" video also addresses the topic of proper disposal of pet waste and the impacts to our waterways.
- D. The “Only Rain Down the Storm Drain” adult storm water presentation discusses the hazards and the proper disposal of pet waste and includes a project slide showing how bad this problem can

be. The slide shows – from a distance – small yellow flags marking pet waste deposits in what is obviously a very popular dog walking area.

- E. The Pollution Prevention Week is recognized in a flyer type informational and is released every September. Along with other useful BMP's, the flyer does have an article that specifically addresses pet waste under the article "*What's The Scoop . . . Tips For A Healthy Pet And A Healthier Environment*".
- F. The Earth Day flyers released every April, contains an article on the health hazards of pet droppings.
- G. The "2005 Environmental Calendar" reminds us to always "pick up animal waste". The accompanying message informs residents of the effects of pet waste on local waterways.
- H. The District does not allow the disposal of pet waste or other trash within its facilities. Signage has been installed at access gates to discourage illegal dumping and encourage reporting thereof.

G.7.11 Develop programs for landowners on erosion and sediment control practices.

- A. The "*After the Storm*" brochures and the school program addresses the topic of controlling soil erosion.
- B. The "*After the Storm*" brochures identifies erosion and sediment loads as a storm water pollutant.
- C. The "Only Rain Down the Storm Drain" Pollution Prevention Program continues to work cooperatively with both MRCD to offer various workshops on the topic and has conducted additional workshops for the needs of the storm water program.
- D. The "Only Rain Down the Storm Drain" Pollution Prevention Program adult storm water presentation was modified to specifically address soil erosion as it relates to the Santa Margarita Watershed and what homeowners and businesses can do to minimize soil erosion.

G.7.12 Cover contaminants and prevent runoff through polluted areas.

- A. The urban storm water runoff brochures for the restaurant, automotive and construction industry all include specific BMPs to cover outside work areas; keep dumpster lids closed; prevent run-on through work and material storage areas; cover exposed stockpiles; avoid wash down of paved surfaces that drain to storm drains; and many other BMPs that help prevent pollutants from entering the storm drains.

- B. The industrial/commercial training workshop included specific segments on the covering of outside materials to prevent contaminated runoff. AEI CASC presented the training workshop titled, “NPDES Industrial/Commercial Facilities Inspection Training”. The target group for this workshop is staff who are responsible for conducting NPDES Urban Runoff inspections of industrial/commercial facilities.

G.7.13. Educate municipalities/agencies on the need for vehicle inspections.

- A. As part of the municipal employee-training program, various departments have been instructed to inform employees about the need for vehicle inspections and have been provided with a complete training package to help in this area. Included in the training information are brochures and posters that Fleet Services personnel have distributed at garage/work sites. Also, air fresheners clearly imprinted with the “Only Rain Down the Storm Drain” logo are provided to County Fleet Services Department for use in all County vehicle cars.
- B. Departments and agencies are also encouraged to use alternative fuel vehicles that not only help reduce vehicle emissions but also, in some cases (*e.g.*, electric vehicles), eliminate the use of motor oil and antifreeze. The County highly encourages its Departments to convert to these types of vehicles whenever possible.
- C. The municipal employee training workshops are conducted by Brown & Caldwell and cover such topics as inspecting vehicles and equipment for fluid leakage.

## **H. A Description of all Area-Wide and Watershed-Based Activities Conducted During the Reporting Period.**

### H.1. Introduction

This section provides a summary of area-wide and watershed-based activities that were conducted during the reporting period, but not described elsewhere in this report. Due to the small percentage of urbanization and small population within the Santa Margarita Permit region, the Permittees leverage resources by implementing several regional programs. These programs are both cost effective and protective of water quality.

### H.2. Permittee Management Activities

#### H.2.1. Management Steering Committee (MSC) Meetings

The Permittees established the Management Steering Committee to address Urban Runoff management policies for the SAR and SMR and to review and approve revisions to the DAMP and the SAR and SMR Implementation Agreements. In addition, the Management Steering Committee facilitates coordination with related water quality management programs and monitoring and establishes positions relative to legislative and regulatory initiatives. The Management Steering Committee consists of city managers or equivalent representatives from each of the Co-Permittees and an executive-level representative from the County. The General Manager-Chief Engineer of the District participates on the Management Steering Committee as Chair. The District provides staff support to the Management Steering Committee. The Management Steering Committee meets quarterly or as determined by the Chair. MSC meeting agendas and minutes are included in Appendix A.

#### H.2.2. Summary of Technical Advisory Committee (TAC) Meetings

A Technical Committee has been established consisting of representatives formally appointed by the city manager or equivalent of each Permittee. The purpose of the Technical Committee is to coordinate the implementation of the DAMP and overall MS4 Permit compliance program. The Technical Committee members also provide technical assistance and support to facilitate coordination with related water quality management programs and monitoring and to respond to legislative and regulatory initiatives. The District chairs and provides staff support to the Technical Committee. TAC meeting agendas and minutes are included in Appendix A.

### H.2.3. Summary of Permit Development Meetings

Work Groups are established by the Technical Committee to oversee the development and implementation of the DAMP program components, as necessary. The Work Groups include Permittee representatives and may also include industry representatives, representatives of environmental special interest groups, and other stakeholders as appropriate. Work Groups have been established to guide the following program components:

- Program Implementation / Public Education
- New Development/Redevelopment
- Construction
- Industrial and Commercial Facility Compliance
- Monitoring
- Effectiveness Analysis

Because of the small number of Permittees subject to the Third-Term MS4 Permit, multiple work group topics are often covered in a single meeting. Meeting dates to discuss these topics during the reporting period included: August 31, 2005; October 13 and 19, 2005; November 1, 2005; December 20, 2005; February 9, 2006. Available Work Group meeting agendas and notes are included in Appendix A. Please note that agendas and meeting notes are not commonly prepared for these meetings.

### H.2.4. Summary of Santa Margarita River Watershed Meetings

The Permittees schedule at least one annual meeting with the San Diego County MS4 Permittees with the Santa Margarita Region, Camp Pendleton, and others to discuss land use planning, discuss monitoring data and potential management measures to target Focus Area Constituents of Concern, exchange ideas of how to address sources of Focus Area Constituents of Concern and evaluate effectiveness of actions, collaborate with water districts in an effort to reduce irrigation water runoff and consider grant applications to coordinate and prioritize water quality projects that address Focus Area Constituents of Concern. The past fiscal year several meetings have been coordinated through the SMREMT.

The Permittees partner with the Bureau of Land Management and other Santa Margarita Watershed stakeholders to develop water quality models of the Santa Margarita Watershed to help assess pollutant problems and sources within the Santa Margarita Watershed, through this effort.

Additional coordination meetings have also occurred through other workgroup, such as coordination meetings for the Lagoon TMDL effort, or as a separately called meetings, as appropriate.

Meeting dates of this group, or activities coordinated with this group during the reporting period occurred on: September 7, 2005; October 13, 2005; February 6, 2006; June 19 and 27, 2006. Meeting agendas and notes, as available, are included in Appendix A. Please note that meeting notes and agendas are not regularly prepared for many of these meetings.

#### H.2.5. Public Involvement

All major permit compliance programs were developed during the FY 2004-2005 period, therefore, there were no significant revisions to the DAMP or Watershed programs warranting public involvement. However, the Permittees hold the following open meeting to facilitate public involvement.

##### H.2.5.1. Open Meetings

TAC meetings are scheduled monthly and are open to the public. The TAC meetings are described in Section H.2.2.

Further, the Bureau of Reclamation, on behalf of the SMREMT has held several publicly noticed meetings to discuss SMR watershed issues and priorities for watershed efforts.

#### H.3. Budget

Expenditures identified below reflect costs incurred by the District for implementing its own NPDES program and to implement the regional watershed programs. The District does not track its direct implementation costs separately. Nor does it track costs separately for many permit provisions. Costs are not directly tracked for the asterisked Program Elements identified below.

Future compliance costs could increase significantly to address TMDL monitoring requirements in future fiscal years.

Program Element	Fiscal Year 2005-2006		Fiscal Year 2006-2007	
	Capital Expenditures	O&M/Admin Expenditure	Capital Expenditures	O&M/Admin Expenditure
Program Management	N/A	\$364,825	N/A	\$403,720
Annual Fee for MS4 NPDES Permit	N/A	0	N/A	\$4,000
Implementation Agreement Shared Cost	N/A	N/A	N/A	N/A
Construction Inspections*	N/A	~\$10,000	N/A	~\$10,000
Development Planning*	N/A	N/A	N/A	N/A
Industrial and Commercial Inspections	N/A	N/A	N/A	N/A
Illicit Connections & Illegal Discharges Program	N/A	N/A	N/A	N/A
Municipal Facilities and Activities	N/A	N/A	N/A	N/A
Public Education & Outreach	N/A	\$57,480	N/A	\$78,330
Monitoring Program	N/A	\$75,100	N/A	\$166,480
Other	N/A	\$0	N/A	\$0
Contributions to Other Programs	N/A	\$117,750	N/A	\$103,130
<b>Total</b>	<b>N/A</b>	<b>\$625,155</b>	<b>N/A</b>	<b>\$765,660</b>

A description of the source(s) of funds that were utilized during the previous fiscal year and the source(s) of funds proposed to meet the necessary expenditures for the subsequent year, including legal restrictions on the use of such funds.

Source of Funds	Capital Expenditures	Percent of Total Program Funding	Restrictions on Use (if applicable)
Santa Margarita Watershed Benefit Assessment Fund	\$355,000	46%	District NPDES compliance costs, excess funds used to fund regional NPDES activities.
Santa Margarita Watershed Permittee Implementation Agreement	\$343,400	44%	Regional NPDES Compliance Programs.
Zone 7 Ad-Valorem Tax Revenue	~\$10,000	1%	Costs associated with District's compliance with Municipal Construction component of Board Order R9-2004-001.
Developer Development Review/Plan Check Fees	Unknown	Unknown	Costs associated with review of proposed developments in the unincorporated County for compliance with the Development Planning provisions of Board Order R9-2004-001.
Spending Against Reserves	\$47,260	8%	District NPDES Compliance Costs
Miscellaneous Revenue	~\$10,000	1%	Interest, Other Misc.
<b>TOTAL</b>	<b>\$765,660</b>	<b>100%</b>	

Additional Comments/Information:

The Permittees are working with other stakeholder groups to leverage funds for regional planning objectives including:

Stormwater Monitoring Coalition – Partnering with other Southern California Coastal Watershed Research Project, other Southern California Counties and other stakeholders to fund monitoring projects to address high priority water quality issues including development of an appropriate bioassessment metric, determining natural background concentrations of several key pollutants in Southern California watersheds, developing Numeric Criteria for addressing Hydrologic Conditions of Concern, and funding a lab intercalibration study.

Santa Margarita Executive Management Team – Partnering with the Bureau of Land Management and other Santa Margarita Watershed stakeholders to develop water quality models of the Santa Margarita Watershed to help assess pollutant problems and sources within the Santa Margarita Watershed.

Mission Resource Conservation District – Partnering with local upper Santa Margarita stakeholders through the Mission Resource Conservation District to implement watershed education, monitoring, and clean up programs.

#### H.4. Municipal

Under the prior NPDES MS4 permit, the Permittees developed a Municipal Facilities Strategy to identify BMPs for activities conducted at municipal facilities. The municipal facilities of concern identified by the Permittees included maintenance yards, vehicle and equipment maintenance areas, waste transfer stations, corporation and storage yards, and parks and recreational facilities. In addition, the Permittees identified BMPs for street sweeping, catch basin cleaning, landscape and swimming pool maintenance activities, MS4 maintenance activities, and the application of pesticides. The Municipal facilities strategy was incorporated into Chapter 5 of the DAMP as part of the permit update process. The following table updates the Public Agency Facilities Matrix contained within the DAMP.

#### H.5. Update Public Agencies Facilities Matrix

Table H-3 lists the types and numbers of municipal facilities operated by the Permittees.

**Table H-3. Public Agency Facilities Matrix**

Permittee	Corporate Yards	Parks & Recreation Facilities	Warehouses	Fire Stations	Police Stations	Hazardous Materials Storage	Animal Shelters	Swimming Pools	Water Treatment Facilities
District <sup>(a)</sup>	--	--	--	--	--	--	--	--	--
County	3	3	--	10	--	1	--	--	--
Murrieta	1	36 <sup>(d)</sup>	--	4	1	--	--	1	--
Temecula	1	36	--	4 <sup>(b)</sup>	2 <sup>(c)</sup>	--	--	2	--

<sup>(a)</sup> The District have no municipal facilities, other than MS4, in the Santa Margarita Region.

<sup>(b)</sup> Although within city limits, two of these stations are operated by the City of Temecula, and two are operated by Riverside County Fire Department.

<sup>(c)</sup> Although within city limits, these stations are operated by the Riverside County Sheriff's Department.

<sup>(d)</sup> There are 36 parks and two recreational facilities within City of Murrieta limits.

#### H.5.1. Updated Drainage Maps

The updated drainage map is included in Appendix D of the DAMP. The drainage map is in GIS format and identifies all receiving waters, all CWA section 303(d) impaired receiving waters, existing and planned land uses, MS4s, major highways, jurisdictional boundaries, and industrial and commercial facilities, municipal sites, and residential areas.

## H.6. Industrial/Commercial

The industrial and commercial program includes the implementation of the Compliance Assistance Program (CAP), which makes use of existing site County Department of Environmental Health inspections. As the responsible Certified Unified Program Agency (CUPA) in Riverside County, the County Department of Environmental Health is responsible for regularly inspecting all sites within the County that handle hazardous waste. The County Department of Environmental Health also inspects all food services restaurants (approximately 237? facilities) within the SMR at least annually.

Revisions to the inspection program requirements contained within the Third-term MS4 Permit expanded the scope of the overall commercial/industrial inspection program beyond the ability of the CAP to address. Each municipal Permittee now implements a supplemental inspection program for facilities not covered by the CAP. In addition, the Third-term MS4 Permits required inventories/databases of facilities, prioritization of industrial and commercial sources relative to the potential to impact water quality, and specified inspection frequencies based upon facility priority.

The revised industrial and commercial sources program continues to have both regional and local jurisdiction components. Although the overall industrial/commercial inspection program has grown beyond the CAP, the CAP still addresses most of the facilities identified in the Third-Term MS4 Permit. With its low overhead cost, it remains a cost effective approach to mitigating the impacts of industrial and commercial facilities on the MS4 and Receiving Waters.

### H.6.1. CAP Summary Report

Under the CAP, County Department of Environmental Health inspectors added a stormwater compliance survey to their regular inspection process. Completed surveys are forwarded to the appropriate Permittees for their records, review and further action, if necessary. The CAP industrial and commercial program has been an effective element of the DAMP. Individual inspection results are contained in each of the Permittee's Annual Report. Section J includes a summary table identifying the total number of facilities inspected under identifying the total number of facilities inspected under the CAP.

## H.7. Illicit Connections/Illegal Discharge (IC/ID) Activities

### H.7.1. Hazmat Response Teams

The HazMat Emergency Response Team is a partnership program with combined efforts from the Riverside County Fire Department and the Hazardous Material Branch of Environmental Health. The HazMat Response Team is staffed daily by firefighters/HazMat specialists at three

separate locations. Hazmat 34 is stationed at the Winchester Fire Station; Hazmat 81 is stationed at the Palm Desert Fire Station, and Hazmat 20 is stationed at the Beaumont Fire Station. The Hazmat Team oversees the NPDES program for the County Fire Department's fire stations and facilities and provides training to the employees of the Fire Department. (See Appendix C, for a detailed information regarding HazMat Team Activities.).

#### H.7.2. Complaint Call Summary Logs

As described in Section G.3.2, An "800" telephone number reporting of has been established to reporting activities suspected of polluting Urban Runoff. The total number of 800 Line calls are summarized in Section J.1. Please note that hang-ups, or disconnects are not included.

#### H.7.3. Watershed Clean-Up Event Summary

The Permittees participated in the annual Santa Margarita Watershed Cleanup Day, City, County and District staff joined in with other public agencies and community organizations to remove trash and debris from the area watercourses. Following the cleanup activities, the Only Rain in the Storm Drain Program conducted outreach to the volunteers at the post-event barbecue. Specific quantities are identified in Section J.1.

#### H.7.4. Household Hazardous Waste/Antifreeze, Battery, Oil and Latex Paint (HHW/ABOP)

One of the principal components of the Permittees' source control efforts are the Household Hazardous Waste (HHW) and ABOP (Anti-freeze, Batteries, Oil, Latex Paint) collection programs conducted by the County's Environmental Health Department (Environmental Health). The goal of these programs is to provide convenient alternatives to illegally disposing of wastes into the MS4. Specific quantities are identified in Section J.1.

#### H.7.5. Integrated Pesticide Management

The Permittees encourage the use of integrated pesticide management measures through coordination with the County Agriculture Commission.

### H.8. Training Summaries

This section describes the municipal training programs jointly funded by the Permittees. Tables of attendance are provided in Section J.1 of this report. Training was provided by AEI-CASC and Brown and Caldwell, with an overall training program evaluation performed by Camp, Dresser and McKee (CDM). The training programs were revised to include modules specifically addressing Constituents of Concern which includes preventative BMPs for nutrients, bacteria and sediment due

to 303(d) listed pollutants in the Santa Ana and Santa Margarita Watershed. Appropriate BMPs were identified and discussed for each training area.

#### H.8.1. Construction

In compliance with R9-2004-001, four (4) Construction training seminars were held on the following dates: September 20, 2005, September 29, 2005; March 20, 2006; and March 28, 2006. The overall training attendance sheet and training flyer is included in Attachment Appendix D.

#### H.8.2. Industrial/Commercial

In compliance with R9-2004-001, four (4) Industrial/Commercial training seminars were held on the following dates: September 19, 2005; September 26, 2005; March 22, 2006; and March 30, 2006. The overall training attendance sheet and training flyer is included in Appendix D.

#### H.8.3. New Development

In compliance with R9-2004-001, four (4) New Development training seminars were held on the following dates: September 19, 2005; September 28, 2005; March 22, 2006; and March 30, 2006. The overall training attendance sheet and training flyer is included in Appendix D.

#### H.8.4. Municipal

In compliance with R9-2004-001, four (4) Municipal training seminars were held on the following dates: September 19, 2005; September 26, 2005; March 20, 2006; and March 29, 2006,. The overall training attendance sheet and training flyer is included in Appendix D.

**I. Recommended Activities to be Conducted Jointly by the Permittees to Address the Identified Water Quality Problems.**

In a September 28, 2005 letter from Regional Board staff, the Regional Board identified several potential deficiencies in the Watershed SWMP (DAMP). These deficiencies included:

- a. The DAMP does not adequately describe how the Permittees collaborated to identify, address, and mitigate the highest priority water quality issues/pollutants in the Upper Santa Margarita Watershed (Requirement K.1).
- b. The DAMP does not contain an assessment of water quality of all receiving waters in the watershed (Requirement K.2.c).
- c. The DAMP fails to identify and prioritize major water quality problems in the watershed caused or contributed to by MS4 discharges and the likely sources of the problems (Requirement K.2.d).
- d. The DAMP does not include an implementation time schedule of short and long-term recommended activities needed to address the highest priority water quality problem(s) identified in Requirement K.2.d (Requirement K.2.e).
- e. The DAMP does not include a mechanism to facilitate collaborative “watershed-based” land use planning with neighboring local governments in the watershed (Requirement K.2.g). San Diego County’s effort to develop a watershed management plan is no longer occurring.
- f. The DAMP does not include a short or long term strategy specifically addressing the effectiveness of the Watershed SWMP (Requirements K.2.l and K.2.m).

As part of the Permittee’s November 7, 2005 response letter, the Permittees reviewed these potential deficiencies and worked with Regional Board staff to address necessary revisions, which include identification of additional activities to be conducted jointly by the Permittees to address identified water quality problems. The response letter included a schedule to address these issues, including recommended activities to be conducted jointly by the Permittees to address identified water quality problems.

In the Regional Board’s comment letter, dated December 19, 2005 regarding Comments on 2004-2005 Annual Reports for Order No. R9-2004-001, the Regional Board identified the need for the Watershed SWMP to be customized to the Santa Margarita region and the region’s constituents of concern. In response to this comment letter and commitments made in the Permittee’s November 7 response letter, revisions to the DAMP were made. To clarify compliance with Board Order R9-2004-001 Provision K.2 requirements, the Permittees’ submittal on January 31, 2006 added Appendix S to the DAMP (Watershed Stormwater Management Plan). Appendix S clearly describes how each of the Provision K.2 requirements of the Third Tem MS4 Permit are addressed in the DAMP.

The Permittees have evaluated the effectiveness of the revised programs and are proposing no specific additional modifications at this time. The Permittees are continuing to evaluate

our training and outreach programs to ensure they adequately address Water Quality impairments.

## **J. An Assessment of Overall Program Effectiveness Based on Measurable Goals Established in the DAMP.**

This Annual Report will be the first year that the newly required Third-Term MS4 Permit programs are fully implemented. In addition, this will be the first year that effectiveness evaluations will be required in the Watershed SWMP Annual Report. The Third-Term MS4 Permit requires the Permittees to develop a short and long term strategy for addressing the effectiveness of the Watershed SWMP. This strategy is described in Appendix S of the DAMP.

The strategy for assessment requires the initial establishment of a set of baseline conditions. These baseline conditions can be used to establish measurable goals based on measurable metrics. Thereafter effectiveness can be evaluated by comparisons of successive years of indicator information against the baseline data and measurable goals. Where the period of evaluation is characterized by the implementation of new program requirements, determinations of program effectiveness will initially be limited to confirmation of program implementation and collection of measurable metrics until baseline conditions can be properly established. Further, it must be recognized that direct measures of long term program effectiveness may not be available within the timeframe of the Third Term Permits. This lack of direct measure confirmation arises because:

- Baseline water quality conditions are not readily established;
- Of inherent variability in stormwater and dry weather discharge data;
- Water quality changes in response to program implementation are likely to be very slow; and
- Establishing a link between receiving water condition and program activities is difficult at the watershed scale when programs are being implemented incrementally with the development/redevelopment cycle.

While program effectiveness assessment is a key step in the iterative process of program implementation, it should be realized that effectiveness assessment itself is a part of the management process that is also evolving. Assessing program effectiveness is recognized as a challenge for program managers across California, and the Riverside County Stormwater Program is supporting the effort of the California Stormwater Quality Association (CASQA) to develop guidance in this area at a statewide level.

### **J.1 Short Term Measures of Effectiveness**

The short-term strategy for assessing the effectiveness of the Watershed SWMP requires the development of measurable goals and measures of effectiveness for programs proposed to mitigate the impacts of Focus Area Constituents of Concern. The measures of effectiveness track the year-to-year implementation of the regional programs. The measures of effectiveness also are used as part of the Long-Term Strategy to measure the effectiveness of the Watershed SWMP as described in Provision K.2.m of the Watershed SWMP. Measurable Goals and Measures of Effectiveness for the existing and proposed regional programs are presented below.

- Encourage Watershed Based Planning Effort

SUMMARY EFFECTIVENESS ANALYSIS: The Permittees continue to lead efforts to mitigate the impact of new development on Water Quality in the Santa Margarita Watershed. The MSCHP effort continues to purchase habitat and streambank properties through grants and other funding mechanisms and ensure that new developments appropriately protect natural resources. Over 4,243 acres were conserved this last year. The Permittees are also pursuing a Special Area Management Plan, in conjunction with the San Diego RWQCB and the USACE for the purposes of identifying and protecting, at a watershed level, high priority Waters of the US. In addition the Permittees are working with the other stakeholders in the watershed to aggressively address the 303(d) listed impairments in the Santa Margarita Watershed, through efforts coordinated by the Bureau of Reclamation. The Bureau, with the support of the Permittees, have developed a watershed model and approached the Regional Board regarding developing a third-party TMDL for the nutrient impairments in the Santa Margarita Watershed. Finally, the Riverside County Flood Control and Water Conservation District continues to develop an enhanced BMP guidance manual, focused on low impact development, landscape based BMPs, capable of addressing the water quality impairments effecting the Santa Margarita Watershed. A first draft of this manual is expected in FY2006-07. In addition, the Permittees are coordinating with SCCWRP to develop a regional Southern California approach to addressing hydromodification. The Permittees believe that the combined efforts not only meet, but exceed the minimum requirements established by the Watershed SWMP and the measurable goals established for addressing the highest priority Water Quality Problems in the Santa Margarita Watershed. Specific measurable metrics are as follows:

- Annual Summary Reports of benefits of MSHCP Implementation

<b>Acreages Acquired per Fiscal Year</b>	<b>Approximate Acres</b>
2/2000 thru 7/1/03	5,128
7/1/03 thru 6/30/04	957
7/1/04 thru 6/30/05	475
7/1/05 thru 6/30/06	4,243
<b>Total</b>	<b>10,803</b>

- Annual Summary Report of SAMP Development

The Corps, in conjunction with the Permittees, is developing a Special Area Management Plan (SAMP) for both the San Jacinto and Upper Santa Margarita Watersheds. This comprehensive watershed based planning effort will identify, prioritize and protect the highest priority Waters of the U.S., while considering the broaden needs of growth and transportation improvements. It will be used to assist Federal, State and local agencies with their decision making and permitting authority to protect, restore and enhance aquatic resources, while accommodating various types of development activities and infrastructure projects. The Upper Santa Margarita and San Jacinto watersheds include such

resources as woodlands, wetlands, freshwater marshes, vernal pools, streams, lakes and rivers that will be evaluated and protected under the project. The final product of the SAMP will be the establishment of an abbreviated or expedited regulatory permitting process by the Corps under Section 404 of the Clean Water Act. Additionally, the California Department of Fish and Game is preparing a Master Streambed Alteration Agreement in conjunction with the SAMP to provide an expedited permitting process under the State's Section 1600 of the Fish and Game Code.

The \$4.5 million in appropriations received since FY 2001 has allowed the Corps to complete a *Landscape Level Aquatic Resource Delineation* and *Functional Assessment* to determine the value of waters and wetlands within these watersheds. During the past fiscal year the Corps did not receive any funding for the SAMP and all efforts were put on hold. The District has teamed up with the Riverside County Transportation and Land Management Agency, The Riverside County Resource Conservation Authority and The Riverside County Transportation Commission to assist the Corps with the final stages of the SAMP which include the completion of the draft EIR/EIS, the development of the expedited permits and the development of the conservation/mitigation areas. The goal is to have the SAMP completed by mid 2008.

- Summary Report of Watershed Stakeholder Meetings and agendas.

The Permittees are working with other stakeholder groups to leverage funds for regional planning objectives including:

**Prop 13/40/50 Grant Funds** – Working cooperatively with San Diego County, Bureau of Reclamation and other stakeholders to implement a Watershed Management Plan for the Santa Margarita River Watershed.

**Santa Margarita Executive Management Team** – Partnering with the Bureau of Land Management and other Santa Margarita Watershed stakeholders to develop water quality models of the Santa Margarita Watershed to help assess pollutant problems and sources within the Santa Margarita Watershed.

**Mission Resource Conservation District** – Partnering with local upper Santa Margarita stakeholders through the Mission Resource Conservation District to implement watershed education, monitoring, and clean up programs. The MRCDC specifically coordinates the Santa Margarita Watershed Clean Up Event Annually, with support from the Permittees.

Meeting agendas and notes, as available, are included in Appendix A. Please note that meeting notes and agendas are not regularly prepared for many of these meetings.

- Summary Report of status of WQMP BMP Guidance

District and County staff are working on the development of expanded treatment control BMP design guidance with focus placed on low impact development concepts, such as landscape based BMPs.

Additionally, the Permittees are continuing to work with the Stormwater Monitoring Coalition (SMC) and others to develop numeric hydromodification guidance as required by permit requirement F.2.b)(9). The District has partnered with the SMC and Southern California Coastal Watershed Research Project (SCCWRP) to pursue grant funds to undertake the necessary studies. The next steps will be determined based the result of the grant applications. The studies are included in Appendix H.

- Continue to support development of regional science and other studies to further understand and mitigate water quality impairments

**SUMMARY OF EFFECTIVENESS ANALYSIS:** The Permittees continue to participate in the development of science necessary to better manage the NPDES MS4 Stormwater Programs. The Permittees are core members of the Southern California Monitoring Coalition, have supported SCCWRP on independent studies of natural background concentrations for bacteria, and Linda Garcia, of RCFC&WCD staff, is the Co-Chairwoman of the CASQA Stormwater Monitoring and Science Subcommittee. The Permittees are also working with local watershed stakeholders to develop models of the watershed to assess sources of pollution and possibly test the effectiveness of proposed BMPs.

Specific studies such as the lab intercalibration studies and Bioassessment Protocol studies currently being conducted by the SMC have directly addressed our goal of standardizing of monitoring and sampling analysis protocols. The water quality model being developed in conjunction with the Bureau of Reclamation is expected to provide a useful tool for assessing BMP effectiveness, and the coordination with SCCWRP on the natural background bacteria study and the Bureau of Reclamation's efforts to evaluate natural conditions in the Santa Margarita Watershed address our goal of better understanding ambient water quality conditions.

- Annual Status Reports of ongoing studies

**Stormwater Monitoring Coalition** – Partnering with other Southern California Coastal Watershed Research Project, other Southern California Counties and other stakeholders to fund monitoring projects to address high priority water quality issues including development of an appropriate bioassessment metric, determining natural background concentrations of several key pollutants in Southern California watersheds, developing Numeric Criteria for addressing Hydrologic Conditions of Concern, and funding a lab intercalibration study.

- Submittal of completed studies

See Appendix G.

- Public Education and Outreach

EFFECTIVE ANALYSIS ASSESSMENT. The metrics being collected for the Public education program are presented below. Due to the need to establish a baseline condition, and due to the fact that this is the first full year of the Watershed SWMP and Permittee Individual SWMP implementation, a detailed effectiveness analysis of this component is not provided. However, the Permittees would note that overall website hits have been steadily increasing over the fiscal year and it appears that knowledge regarding our program is increasing. In addition, the collection of survey data preliminarily indicates significant knowledge of stormwater related issues among the general public. More detailed analysis will be provided in future annual reports. Please note that the Permittees implement a consistent public education program across the entire County, with specific modifications to focus on local watershed issues as necessary. To this end, many of the metrics provided below are Countywide as it is consistent with the implementation of the Public Education Program. It is also infeasible to collect many of these metrics at a finer resolution. Santa Margarita specific metrics are provided where appropriate.

- Track materials distributed

**Countywide Education Materials Outreach**

<b>Materials Distribution</b>	<b>Attendance and/or Outreach Materials Distributed</b>				
	<b>FY04-05</b>	<b>FY05-06</b>	<b>FY06-07</b>	<b>FY07-08</b>	<b>FY08-09</b>
Calendars	25,000	20,000			
After the Storm Brochure	20,000	25,000			
Outdoor Activities Brochure	20,000	25,000			
Construction BMP Brochure	11,450	1,607			
Car Care Brochure	16,400	1,062			
HHW Schedules	20,000	20,000			
What's the Scoop Brochure	17,750	25,000			
Pool, Spa and Fountain Brochure	16,900	25,000			
Food Facilities Brochure	7,850	1,379			
Construction Poster	3,700	272			
Car Care Poster	2,450	39			
Food Services Poster	4,500	1,650			
Fueling Station Poster	200	12			
Service Bay Station Poster	200	12			
Santa Ana Children's Workbook	3,000	5,500			

- Track public education events attended

Classroom Presentations and Residential Outreach

Residential Outreach	Attendance and/or Outreach Materials Distributed				
	FY04-05	FY05-06	FY06-07	FY07-08	FY08-09
School Outreach	4,418 students 175 classes	136 classes			
Animal Control Outreach	2,490	2,620			
New Employee Orientation	Aug. 19, 2004 100	2,900			
Valley Greeters	Murrieta -990 Temecula - 1,113	Aug 25, 2005 – June 30, 2006 5,298			
Recycling Alley in Murrieta	July 4, 2004 750	N/A			
Santa Margarita Clean Up	Sept 25, 2004 400	Nov 12, 2005 350			
Temecula Car Show	Oct 8, 2004 35,000	N/A			
Wildomar Community Celebration	Nov 16, 2004 350	N/A			
Temecula Flower Show	Apr 30, 2005 750	N/A			
Temecula Water Festival	May 7, 2005 5,538	N/A			
Temecula Public Safety Expo	N/A	Nov 3, 2005 200+			
Wildomar Town Hall Meeting	N/A	Dec 3, 2005 300			

Industrial/Commercial Outreach Events Conducted

Industrial/Commercial Outreach	Attendance and/or Outreach Materials Distributed				
	FY04-05	FY05-06	FY06-07	FY07-08	FY08-09
Business Outreach Packets mailed to new businesses identified in the Business Press	313	487			
CAP Food Service Outreach	2,218*	303			
Inland Empire Economic Briefing and Business Exposition, sponsored by the Press Enterprise.	April 22, 2005 500	N/A			
HHW Facility Inspections	1,979*	241			

\* County-wide

Construction outreach events conducted

Developer Outreach Activities	Attendance				
	FY04-05	FY05-06	FY06-07	FY07-08	FY08-09
Brown and Caldwell WQMP Outreach	Jan. 31, 2005 Temecula 75	N/A			
AEI/CASC Training	N/A	June 21, 2006 Murrieta 64			
BIA Presentation	N/A	Mar. 22, 2006 240			

- Provide summary report of on-going program modifications

In fiscal year 2005-2006 the Permittees implemented the following program improvements to the “Only Rain Down the Storm Drain Program”:

- Completion of a consultant evaluation of the effectiveness of our current municipal training programs. Possibly initiating development of recommended enhancements.
- An update of the current Home Garden Care Guide to allow for it to be distributed to a wider audience. To date, the revised text has been completed

and is now ready for graphic insertion and completion.

- An update of our Outdoor Activities Brochure to ensure that it adequately addresses issues related to mobile operators, power washers and carpet cleaners. Additional resource information and phone numbers will be added, as well quoting specific legislative mandates.
- Implementation of reliable tracking mechanisms for website hits and calls to the 1-800 hotline.
- Conduct public surveys to assess public understanding of storm water issues

See Appendix A

- Track media impressions

### Media Impressions

Media Impressions	Attendance and/or Outreach Materials Distributed				
	FY04-05	FY05-06	FY06-07	FY07-08	FY08-09
Earth Day Flier (Penny Saver)	650,000	685,500			
Pollution Prevention Flier (Penny Saver)	650,000	667,000			
Billboard	N/A	20,792,700			
Website Hits Public Education Storm Water Web Page District General Storm Water Web Page	N/A	55,932 7,767			
County Postage Stamp "Only Rain Down the Storm Drain" 1-800 number	5,164,844	5,275,142			
Chemical Products Shelf Talker	5,200	450			
Herbicides and Pesticides Shelf Talker	6,750	300			
Paint Products Shelf Talkers	4,700	750			
Hazardous Chemicals Shelf Talker	1,650	300			
Environmental Calendar	300,000	300,000			
HHW Schedules	100,000	15,000			

- The Number of Urban Runoff Complaints received through hotlines

The 1-800 hotline call counter was not functioning during the reporting period. However, the Permittees are working to correct this issue. Normally, complaint calls are routed to County Code Enforcement for action or referral to the appropriate Permittee. Although calls were routed, they were not tracked by the Counter.

The District received twenty-three (23) complaints. Seventeen (17) were referred to County Code Enforcement or Environmental Health for follow-up, one (1) were referred to the City of Temecula, one (1) was referred to the City of Murrieta, and there are no complaints that are currently being investigated by District staff. In addition Riverside County Fire Department HazMat team responded to 107 events within the County that potentially impacted the MS4.

It should be noted that complaints received by the District came through phone lines, e-mail requests, and/or mail. Sources of the complaints directed to the District are currently not tracked.

- Training

EFFECTIVENESS ANALYSIS ASSESSMENT: Metrics for training participation are presented below. In addition, the Permittees have hired a consultant (CDM) to conduct a comprehensive analysis of the effectiveness of our training programs. This consultants report is expected to be complete in FY2006-07 and will be provided in the appropriate annual report. However, existing training programs have been modified to discuss Pollutants of Concern affecting each of the watersheds and to specify appropriate BMPs.

- Training programs will incorporate tests to evaluate their effectiveness at educating participants regarding NPDES requirements and mitigating Focus Area Constituents of Concern.
- Training course notes and Attendee List

The Number of Permittee staff receiving Riverside County NPDES training for activities related to DAMP implementation

Municipal Training Attendance																
	Municipal*				Industrial/Commercial				Construction				New Development**			
	9/19/05	9/26/05	3/20/06	3/29/06	9/19/05	9/26/05	3/22/06	3/30/06	9/20/05	9/28/05	3/20/06	3/29/06	9/19/05	9/28/05	3/22/06	3/30/06
District	0	1	0	1	0	2	0	1	0	4	0	0	4	25	2	3
County				2			13	17		9	18	18	4	25	2	3
Temecula		4								3						
Murrieta										3				2		2

\* April 27, 2006 (Sponsored / Held at City of Murrieta) – 27 attendees for Murrieta and 20 attendees for Temecula

\*\* June 21, 2006 (Sponsored by Murrieta) – 12 attendees for Murrieta and 26 attendees for Temecula

- Summary statistics on testing results

Testing results are currently being evaluated and will be reported on during the next reporting period.

- Waste Collection and Watershed Clean-Up Events

EFFECTIVENESS ASSESSMENT: The Permittees continue to collect data on waste collection and watershed clean up events. Need to establish a baseline condition, and due to the fact that this is the first full year of the Watershed SWMP implementation, a detailed effectiveness analysis of this component is not provided. The Permittees trash collection programs increased their collection by over 20% looking at same sites. Including the additional rural collection site, it increases collection by 118%. There appears to be increase knowledge and continued demand for HHW/ABOP facilities. Some of the increases can be accounted for with population growth. Other factors include continued outreach and advertising. The Watershed Clean Up event also continues to generate interest and press coverage. This portion of the program appears to be effective and warranted.

- Annual summary report of materials removed/collected

During FY 2005-2006, three (3) HHW collection events [two (2) days each] were held within the Permit area. The events were staged at the County's Transportation Maintenance Yard in Murrieta and serviced a total of 1,460 participants. Approximately 93,700 pounds of HHW were collected. Additionally, approximately 76,500 pounds of HHW were collected in the rural HHW collection event. Approximately 350 participants attended the event. The ABOP facility was open for a total of 40 Saturdays, servicing 1,740 participants. Approximately 89,400 pounds of ABOP wastes were collected. A detailed breakdown of the HHW and ABOP waste streams is included as Appendix E.

	FY04-05	FY05-06	FY06-07	FY07-08	FY08-09
HHW Participants	1,238	1,460			
HHW Collected (lbs)	78,000	93,700			
ABOP Participants	1,490	1,740			
ABOP Collected (lbs)	63,000	89,400			
HHW Rural Participants		350			
HHW Rural Collected (lbs)		76,500			
<b>Total Participants</b>	<b>2,728</b>	<b>3,550</b>			
<b>Total Collected (lbs)</b>	<b>141,000</b>	<b>259,600</b>			

## Santa Margarita Watershed Clean Up Event

The Watershed Clean Up was held on November 12, 2005, and the Permittees hauled away 350 tons of trash and debris in support of the event. To encourage the public to keep their communities clean, the District purchased and gave away storm water related promotional items and brochures.

- Annual summary report of public outreach conducted as part of collection/removal events

During the Watershed Clean Up event, each of the participants and event organizers received outreach material. The volunteers are made up those who need to complete community service hours; part of their rehabilitation; Boy and Girl Scout Project; environmental groups' family environmental enthusiasts; etc.

## J.2 Long Term Measures of Effectiveness

The objective of the Watershed SWMP is to maintain and/or improve quality of Receiving Waters within the Santa Margarita Region by mitigating impacts of Constituents of Concern in urban runoff using regional programs, while considering economic, social and environmental resource limitations. As identified in Appendix S, Provision K.2.m. of the DAMP, the Permittees long term effectiveness analysis will be incorporated into future ROWD as part of the long-term strategy to measure the effectiveness of the Watershed SWMP. Measurable metrics necessary to assess long term effectiveness are collected as part of the short-term effectiveness measures program.

## **K. Proposed Revisions to the Watershed SWMP**

Due to this being the first full year of program implementation under the Third-Term NPDES MS4 Permit, the Permittees have proposed no significant revisions to the Watershed SWMP or DAMP at this time. In addition the Water Quality Monitoring data indicates no significant changes in Receiving Water Quality that would warrant immediate revision to the Watershed SWMP. It should be noted that the Permittees are developing a revised Post-Construction BMP Design Handbook and a detailed assessment of the effectiveness of our NPDES MS4 training programs. Proposed revisions to the program based on these documents, or at least progress reports on these efforts, will be included in future Annual Reports.

**Appendix A**  
**Meeting Agenda and Notes**

**SANTA ANA/SANTA MARGARITA  
TECHNICAL COMMITTEE**

### Attendance at FY 2005-2006 SA/SM Technical Committee Meetings

	28-Jul-05	25-Aug-05	22-Sep-05	27-Oct-05	24-Nov-05	15-Dec-05	26-Jan-06	23-Feb-06	22-Mar-06	27-Apr-06	25-May-06	22-Jun-06
RCFC	✓	✓	✓	✓	Dark	✓	✓	✓	Dark	✓	✓	✓
County	✓	✓	✓	✓	Dark	✓	✓	✓	Dark	✓	✓	✓
					Dark				Dark			
WWR Watershed					Dark				Dark			
Beaumont	✓	X	X	✓	Dark	✓	✓	X	Dark	X	✓	✓
Calimesa	X	X	X	X	Dark	X	✓	X	Dark	✓	X	X
Canyon Lake	✓	✓	✓	X	Dark	✓	✓	✓	Dark	✓	X	X
Corona	✓	✓	✓	✓	Dark	✓	✓	✓	Dark	✓	✓	✓
Hemet	✓	X	✓	✓	Dark	✓	✓	✓	Dark	✓	✓	X
Lake Elsinore	✓	X	X	X	Dark	X	X	X	Dark	✓	X	X
Moreno Valley	✓	✓	✓	✓	Dark	X	✓	✓	Dark	✓	✓	✓
Murrieta	✓	✓	X	✓	Dark	✓	✓	X	Dark	✓	✓	✓
Norco	✓	✓	✓	✓	Dark	✓	✓	✓	Dark	✓	✓	✓
Perris	✓	✓	✓	✓	Dark	✓	✓	✓	Dark	✓	X	X
Riverside	✓	✓	✓	X	Dark	✓	✓	X	Dark	✓	✓	✓
San Jacinto	X	X	X	X	Dark	X	X	X	Dark	X	✓	X
Temecula	✓	✓	✓	X	Dark	✓	✓	✓	Dark	✓	✓	X
CRWQCB San Diego	X	X	X	✓	Dark	X	X	X	Dark	✓	X	X
CRWQCB Santa Ana	✓	X	✓	✓	Dark	✓	✓	✓	Dark	✓	✓	✓

✓	Attended Meeting
X	Did Not Attend

**MEETING AGENDA**  
**NPDES**  
**SANTA ANA / SANTA MARGARITA**  
**TECHNICAL COMMITTEE**

**10:00 a.m. – Thursday, July 28, 2005**

at

Riverside County Flood Control and Water Conservation District  
1995 Market Street, Riverside, CA 92501  
951.955.1200

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: June 23, 2005
- IV. Announcements
  - A. Legislative Report
- V. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer
  - A. Down's Energy SEP - Billboard Project
- VI. Training Update– Tom Rheiner
- VII. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update
  - B. Middle Santa Ana River Bacteria Indicator TMDL (formerly Chino Basin) Update
  - C. Canyon Lake Bacteria Indicator TMDL Update
- VIII. Santa Ana/Santa Margarita Region DAMP Revision Status – Tina Tuason/Tom Rheiner
  - A. DAMP/Watershed SWMP/Individual SWMP Submittal to Regional Boards
  - B. Template for Local Procedures (Santa Ana Permittees) and Public Works Projects  
WQMP
- IX. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
    - A. Round Table
- X. New Agenda Items/Schedule Next Meeting – July 28, 2005



# Storm Water Clean Water PROTECTION PROGRAM

## Member Agencies:

Banning  
Beaumont  
Calimesa  
Canyon Lake  
Cathedral City  
Coachella  
Coachella Valley  
Water District  
Corona  
County of Riverside  
Desert Hot Springs  
Hemet  
Indian Wells  
Indio  
La Quinta  
Lake Elsinore  
Moreno Valley  
Murrieta  
Norco  
Palm Desert  
Palm Springs  
Perris  
Rancho Mirage  
Riverside City  
Riverside County  
Flood Control  
District  
San Jacinto  
Temecula

## *NPDES SANTA ANA / SANTA MARGARITA TECHNICAL COMMITTEE*

### *Meeting Minutes for June 23, 2005*

#### ***I. Attendees:***

Arlene Chun  
Florence Mowrer  
Penny Nanney  
Tina Tuason  
Tom Rheiner  
Charlene Warren  
Keith Elliott  
Mike Roth  
Dave Thibault  
James Grimm  
Michele Colbert  
Yolanda Macaladad  
Linda Nixon  
Kent Wegelin  
Lori Askew  
Cora Soto  
Sandy Caldwell  
Jessica Chin  
Maria Lamping  
Aldo Licitra

Riverside County Flood Control District  
CRWQCB-Santa Ana Region  
CRWQCB-Santa Ana Region  
City of Beaumont  
City of Canyon Lake  
City of Corona  
City of Corona  
City of Hemet  
City of Moreno Valley  
City of Norco  
City of Perris  
City of Riverside  
City of Riverside  
City of Riverside  
City of Temecula

**II. Introductions**

Tom Rheiner welcomed everyone to the meeting and initiated the self introduction of attendees.

**III. Agenda Changes:**

There were no agenda changes.

**IV. Review of Minutes: May 26, 2005**

There were no changes to the meeting minutes.

**Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 05-22 through 05-25
- RCRD Public Education Report for May 2005
- Public Education Information Report for June 2005
- Fiscal year 2004/2005 Public Education Supply Requests sheet
- Powerpoint Slides
- C&L Newsletter – Update on Public Law, Spring 2005

**V. Announcements*****Stormwater Quality Standards Task Force – Phase II***

Ongoing work for the Stormwater Quality Standards Task Force continues. A meeting is scheduled for June 23, 2005 from 1 – 4 p.m. Agendas for this meeting were made available for Permittees during the June 23, 2005 TAC meeting.

***Legislative Report***

Tom provided Permittees a brief update of the legislative issues relative to Permittees along with a newsletter distributed by C&L (Colantuono & Levin) that describes several proposed constitutional amendments that are designed to create additional revenue authority for local governments. A brief discussion regarding this issue ensued among Permittees.

**VI. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer**

Flo briefed attendees on the efforts of the Public Education department in which she provided fiscal year 2004/2005 public education supply requests information sheet along with the public education report for June 2005. Discussion also included proposed Billboard advertisement efforts and explanation of fiscal year 2004/2005 public education supply requests sheet.

***New Materials and Promotionals:***

- Maintaining Stormwater Friendly Service Bays and Car Washes and Maintaining a Stormwater Friendly Gas Station posters, which were produced by Conoco Phillips were presented to attendees. These posters serve to provide a general understanding of basic procedures for Urban Runoff management at gas stations and car washes.
- Erasable highlighters are now available. Please contact Flo or her assistant Juan Martinez for your supply request.

**VII. Training – Tom Rhiener**

Tom provided Permittees with an update on training efforts, noting that an interviewing panel had been formed and consultant interviews had been conducted. The panel expects to have reached a decision on the selection of consultant by early July. Additional information is provided in the powerpoint handout given to Permittees.

**VIII. TMDL Progress Report – Tom Rheiner**

*Lake Elsinore/Canyon Lake Nutrient TMDL*

Tetra Tech has been selected to perform the monitoring plan review section of this TMDL. Costs and funding were items of discussion relating to this TMDL.

*Middle Santa Ana River Bacteria Indicator TMDL*

The stakeholder workgroup met at SAWPA on June 9, 2005 to continue coordination on developing the TMDL. Santa Ana RWQCB staff has indicated that a second workshop will be conducted at the June 24, 2005 Regional Board meeting at the city of Loma Linda Council Chambers. District staff plans to attend the meeting, and deliver a letter and brief comments regarding the TMDL and Basin Plan amendment.

*Canyon Lake Bacteria Indicator TMDL*

Santa Ana RWQCB staff have noted that the first workshop for this TMDL effort will likely be scheduled for September or October 2005. The next stakeholder workgroup meeting (for both the Lake Elsinore/Canyon Lake Nutrient TMDL and the Canyon Lake Bacterial Indicator TMDL ) is slated for July 21, 2005 at Eastern Municipal Water District in Perris.

**IX. Santa Ana/Santa Margarita Region DAMP Revision Status – Tina Tuason**

Tom briefed the group on the the Riverside County DAMP that will serve both the Santa Ana and Santa Margarita MS4 programs per the third-term permits. The Permittees have addressed comments from both Regional Board staffs and incorporated the appropriate modifications into the DAMP. Additionally, the DAMP recently went through a 30-day public review and comment period for items specific to the Santa Margarita permit. The DAMP is on schedule to be finalized and submitted to both Regional Boards by July 14, 2005.

Tina noted that the DAMP is available on the District's, City of Murrieta, and City of Temecula websites along with their individual SWMPs.

**X. Santa Margarita Region – San Diego RWQCB MS4 Permit – Tina Tuason**

Santa Margarita Permittees are finalizing DAMP and Individual SWMPs to address the Santa Margarita Region Permit by July 14, 2005.

*Public Workshop Update*

A public workshop was held June 8, 2005 at Murrieta's Chamber of Commerce. No comments were received during the workshop. To date, the only comments received were from the San Diego Regional Board. Permittees were informed that a meeting was scheduled on June 28, 2005 from 11 a.m. to 12:30 p.m., to discuss comments compiled for Permittees by URS Consulting.

*Watershed SWMP/Individual SWMP Deliverable Status*

Permittees were reminded to inventory their MS4 facilities and any municipal sites and submit them in GIS format.

**XI. Open Discussion**

- A. Santa Ana RWQCB – No comments
- B. San Diego RWQCB – Not present
- C. U.S. EPA – Region IX – Not present
- D. Round Table – There were no Permittee comments for round table discussion.

**XII. New Agenda Items / Schedule Next Meeting**

If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

Please visit the Storm Water/Clean Water Protection Program website at:

<http://www.co.riverside.ca.us/depts/flood/YouCanHelp.asp>.

The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY, July 28, 2005 – 10:00 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT  
1995 Market Street, Riverside, CA 92501**

**MEETING AGENDA**  
**NPDES**  
**SANTA ANA / SANTA MARGARITA**  
**TECHNICAL COMMITTEE**

**10:00 a.m. – Thursday, September 22, 2005**  
**RCFC ADDRESS HERE**  
**Riverside, CA 92501**

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: August 25, 2005
- IV. Announcements
  - A. Legislative Report
  - B. October CASQA meeting
  - C. September 15, 2005 Management Steering Committee update
- V. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer
  - A. Down's Energy SEP Billboard Project – Update
  - B. Curb Markers
  - C. Outdoor Activities
  - D. Miscellaneous
- VI. Training Update – Tom Rheiner
- VII. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update
  - B. Middle Santa Ana River Bacteria Indicator TMDL (formerly Chino Basin) Update
  - C. Canyon Lake Bacteria Indicator TMDL Update
- VIII. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner
  - A. Template for Local Procedures (Santa Ana Permittees) WQMP
  - B. Annual Report Update/Preparation
  - C. Consolidated Grant Opportunities
- X. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
  - A. Round Table
- XI. New Agenda Items/Schedule Next Meeting – October 27, 2005



# Storm Water Clean Water

PROTECTION PROGRAM

Member  
Agencies:

Banning  
Beaumont  
Calimesa  
Canyon Lake  
Cathedral City  
Coachella  
Coachella Valley  
Water District  
Corona  
County of Riverside  
Desert Hot Springs  
Hemet  
Indian Wells  
Indio  
La Quinta  
Lake Elsinore  
Moreno Valley  
Murrieta  
Norco  
Palm Desert  
Palm Springs  
Ferris  
Rancho Mirage  
Riverside City  
Riverside County  
Flood Control  
District  
San Jacinto  
Temecula

*NPDES*  
*SANTA ANA / SANTA MARGARITA*  
*TECHNICAL COMMITTEE*

*Meeting Minutes*  
*for*  
*August 25, 2005*

**I. Attendees:**

Florence Mowrer

David Ortega

Tom Rheiner

Jason Uhley

Charlene Warren

Alex Gann

Marianna Hernandez

James Grimm

Michelle Colbert

Alex Guitierrez

Phuong Hunter

Farida Naceem

Lori Askew

Cora Soto

Nicole Green

Darryl Hartwill

Aldo Licitra

Bob Collacott

Jamie Aderhold

Riverside County Flood Control District

Riverside County Executive Office

Riverside County Transportation

City of Canyon Lake

City of Corona

City of Lake Elsinore

City of Moreno Valley

City of Murrieta

City of Norco

City of Perris

City of Riverside

City of Riverside

City of Temecula

URS Consulting

J2A Environmental

**II. Introductions**

Jason Uhley welcomed everyone to the meeting and initiated the self introduction of attendees.

**III. Agenda Changes:**

Public Education agenda item was moved up to agenda item number 1 without objections. There were no further changes.

**IV. Review of Minutes: July28, 2005**

There were no changes to the meeting minutes.

**Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 05-31 through 05-35
- Public Education Information Report for August 25, 2005
- Powerpoint Slides
- Errata Sheet, Changes to Attachment to Resolution No. R8-2005-0001
- Item 13 Middle Santa Ana River Bacterial Indicator TMDLs, Response to Comments

**V. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer**

Florence Mowrer discussed and reviewed the August 25, 2005 public education report. Copies of the report were provided to attendees.

Florence announced that the HHW schedules have been released and provided a small supply of schedules to attendees. Florence then noted that 6,000 curb marker orders have been placed and discussed the supply status of the curb markers and glue used to place them. Flo asked that Permittees take inventory of their supply and request only what may be needed at the immediate time due to the short supply of curb markers.

For more information on the public education efforts and material supplies, please review the August 25, 2005 public education report.

A question was posed regarding developers need of curb markers. In the instance of a developer needing only 10-15 curb markers, could the developer be provided the glue as well (one tube of glue places approximately 50 curb markers)? Jason commented that though there is no mechanism currently in place for the disbursement of curb markers/glue to developers, in the future, District staff and Permittees would like to be reimbursed for their costs. He noted that he would prefer that Permittees stock a small supply of curb markers and disburse them to developers. He noted that if Permittees did not have the materials on hand, developers can be referred to Florence for a supply. Permittees ensued in a short discussion of the possibility of requiring developers to place the curb markers during their developments.

Florence noted that Environmental Health has been kind enough to provide the public education department a third of a flyer page free to promote “Only Rain in the Storm Drain”, however the NPDES email address is incorrect on the flyer, so please make note in case you receive any questions regarding returned e-mails.

**VI. Announcements**

Jason announced that there was a recent court case (Hayfen vs. the County of Orange) regarding a new development issue. One issue that Permittees conflicted with the San Diego Regional Board about was if a development, once it had its conditions of approval, could retroactively be conditioned to do a WQMP or have other water quality conditions placed on it. He stated that the recent decision of Hayfen vs. the County of Orange reaffirms the Regional Board's position that State and Federal law trumps conditions of approval, vested track rights, and developer agreements. He noted that this is not a significant issue for the Santa Ana Region due to the fact the Santa Ana Region permit was negotiated in such a way that WQMP requirements took effect upon new projects submitted to the Regional Board after January 1, 2005. For the Santa Margarita Region it is a concern because the WQMP provisions of the New Development section of the Permit requires that as of July 14, 2005, all development be required to conduct WQMPs to meet the criteria, regardless of when they were originally submitted.

Tom discussed the CASQA conference scheduled for October 3-5 at the Ontario Doubletree Hotel. Jason touched on agenda items for the conference and recommended that Permittees make efforts to attend this conference, noting that several Permittees will be conducting presentations at the conference. Tom will email copies of the flyer regarding the conference to Permittees. Information can also be found on CASQA's website.

Jason reported on the SEPs (Supplemental Environmental Projects), completed by Conoco Phillips. He noted that a second SEP is being completed by Downs Energy in the form of a billboard advertisement. He gave mention to the projected location of the billboards, noting that the billboards should receive about 5 million impressions and will meet one of the Santa Ana permit requirements.

**VII. Training – Tom Rhiener**

Tom briefed attendees on the upcoming training to be held at both the Coachella Valley Association of Governments and the Riverside County Flood Control District. Registration forms were emailed to Permittees and interested parties. Please refer to the registration forms for training subject, date, time, and location.

Aldo Licitra posed a question as to whether training would remain the same, covering information previously covered or if it would become more advanced. Jason informed attendees that the Permit requires that minimum topics that must be addressed, therefore some parts of the training will remain the same and that every year training is reviewed and updated to assure that it is consistent with current laws and changes in the Permit. However, Jason noted that District staff has recently selected three consultants to thoroughly review the effectiveness of the training program and propose enhancements. AEI-CASC, CDM, and Brown and Caldwell will be working with District staff in this effort. Jason also noted that starting next spring he hopes that Permittees will begin to see changes in the training programs. One change that is currently underway, is anonymous entry and exit testing of training participants. This testing will be part of the effectiveness analysis of the training program.

Lastly, Jason stated that Permittees were provided with a Scope of Work for CDM in which District staff is requesting comments on this document by August 26, 2005 in efforts to have CDM on contract by the end of the month.

**VIII. TMDL Progress Report – Jason Uhley**

*Lake Elsinore/Canyon Lake Nutrient TMDL* – Jason informed attendees that the progress on this TMDL have been stalled due to significant cost-sharing disagreements. To attempt to reduce costs and build consensus LESJWA has selected Tetra-Tech to look at the TMDL monitoring program (most expensive component) to assure that it is consistent with Permit requirements and cost effective. A meeting regarding this issue was held on August 18, 2005, where Tetra-Tech posed their alternatives to reviewing the monitoring program. One proposal suggested revisions to the monitoring program that could save approximately \$250,000 and allow the stakeholders to focus on remaining unknowns regarding the functionality of the lakes, including developing more robust computer models. Focusing monitoring on the lakes may assist the stakeholders to identify and correct deficiencies in the TMDLs, thus preventing unnecessary expenses on ineffective lake management programs.

*Middle Santa Ana River Bacteria Indicator TMDL* – Jason reported that the adoption hearing is August 26, 2005 and it is expected to be adopted. District staff developed a comment letter asking that the Regional Board remove the requirement to monitor for *enterococcus*, as it is not a parameter regulated by the TMDL. The Regional Board approved the request. The District also asked for additional minor clarifications and changes to the monitoring program, which were denied.

*Canyon Lake Bacteria Indicator TMDL* – Jason informed Permittees that work is being conducted to build a model of the bacteria action in the lake. This effort will possibly take several months to complete and Permittees may not hear anything back regarding this TMDL for some time.

**IX. Santa Ana/Santa Margarita Region DAMP Revision Status – Tom Rheiner**

Tom briefed the group on the the Riverside County DAMP that will serve both the Santa Ana and Santa Margarita MS4 programs per the third-term permits. The DAMP has been submitted to both the San Diego Regional Board as well as the Santa Ana Regional Board. Tom further discussed the template Urban Runoff Management Plan (URMP), which is basically a local DAMP tailored for the local procedures for individual agencies. Permittees in the San Diego region were required to compose a similar plan (Individual Storm Water Management Plan(SWMP)), which they have completed. The SWMPs were submitted along with the DAMP on July 14, 2005. In addition, the portion of the URMP that describes the procedures to implement the WQMP requirements must be included in the Annual Report due to the Santa Ana Board this November. Though portions of the URMP are not required by the Santa Ana Permit, the District is recommending that the Permittees complete the URMP template as it documents their procedures. This documentation can assist with training, describing your programs to management, and also with demonstrating compliance with the Permit requirements. Tom showed Permittees what the template looked like and noted that he sent the template out to Permittees earlier in the week for Permittee use.

Bob Collacott and Jason Uhley further discussed the uses and benefits of the template and the processes in which it was developed.

Santa Ana Annual Reporting forms are due to Tom by September 30, 2005. Santa Margarita's Annual Report forms are due to Tina Tuason by September 30, 2005.

Jason reported on the consolidated grants application efforts and asked for volunteers to sit on a committee to start looking at obtaining grants. Permittees discussed the opportunities and benefits of obtaining grants and the importance of getting a good start on the grant application process. A email request for voluteers will be sent to Permittees.

***XI. Open Discussion***

- A. Santa Ana RWQCB – No comments
- B. San Diego RWQCB – Not present
- C. U.S. EPA – Region IX – Not present
- D. Round Table – Aldo Licitra asked when the next MSC meeting was. Tom stated that it is scheduled for September 15, 2005.

***XII. New Agenda Items / Schedule Next Meeting***

If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

Please visit the StormWater/CleanWater Protection Program website at <http://www.floodcontrol.co.riverside.ca.us>.

The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY, September 22, 2005 – 10 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL DISTRICT**

**1995 Market Street**

**Riverside, CA 92501**

**P8/102279**

## MEETING AGENDA

### NPDES SANTA ANA / SANTA MARGARITA TECHNICAL COMMITTEE

10:00 a.m. – Thursday, October 27, 2005  
Riverside County Flood Control District  
1995 Market Street  
Riverside, CA 92501

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: September 22, 2005
- IV. Announcements
  - A. Legislative Report
  - B. October CASQA Meeting - Summary
  - C. November 17, 2005 Management Steering Committee Update
- V. Public Education Program 2005 Sub-Committee Meeting Report – Juan Martinez
  - A. Events
  - B. Surveys
  - C. Miscellaneous
- VI. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update
  - B. Middle Santa Ana River Bacteria Indicator TMDL Update
  - C. Canyon Lake Bacteria Indicator TMDL Update
- VII. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner
  - A. Template for Local Procedures (Santa Ana Permittees)
  - B. Annual Report Update/Preparation
- X. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
  - A. Round Table
- XI. New Agenda Items/Schedule Next Meeting – December 15, 2005



# Storm Water Clean Water

PROTECTION PROGRAM

**Member  
Agencies:**

- Banning
- Beaumont
- Calimesa
- Canyon Lake
- Cathedral City
- Coachella
- Coachella Valley  
Water District
- Corona
- County of Riverside
- Desert Hot Springs
- Hemet
- Indian Wells
- Indio
- La Quinta
- Lake Elsinore
- Moreno Valley
- Murrieta
- Norco
- Palm Desert
- Palm Springs
- Perris
- Rancho Mirage
- Riverside City
- Riverside County  
Flood Control  
District
- San Jacinto
- Temecula

**NPDES  
SANTA ANA / SANTA MARGARITA  
TECHNICAL COMMITTEE**

***Meeting Minutes  
for  
September 22, 2005***

***I. Attendees:***

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Arlene Chun</li> <li>Florence Mowrer</li> <li>Penny Nanney</li> <li>Tom Rheiner</li> <li>Tina Tuason</li> <li>Jason Uhley</li> <li>Charlene Warren</li> <li>Alex Gann</li> <li>Marianna Hernandez</li> <li>Keith Elliott</li> <li>Mike Roth</li> <li>James Grimm</li> <li>Michelle Colbert</li> <li>Phuong Hunter</li> <li>Kent Wegelin</li> <li>Farida Naceem</li> <li>Lori Askew</li> <li>Cora Soto</li> <li>Jessica Chin</li> <li>Aldo Licitra</li> <li>Bob Collacott</li> </ul> | <ul style="list-style-type: none"> <li>Riverside County Flood Control District</li> <li>Riverside County Executive Office</li> <li>Riverside County Transportation</li> <li>Santa Ana Regional Board</li> <li>Santa Ana Regional Board</li> <li>City of Canyon Lake</li> <li>City of Corona</li> <li>City of Moreno Valley</li> <li>City of Moreno Valley</li> <li>City of Murrieta</li> <li>City of Norco</li> <li>City of Perris</li> <li>City of Riverside</li> <li>City of Temecula</li> <li>URS Consulting</li> </ul> |
|--|---|

**II. Introductions**

Jason Uhley welcomed everyone to the meeting and initiated the self introduction of attendees.

**III. Agenda Changes:**

Public Education agenda item *V* was moved up to agenda item *III* without objections. Jason added an item D (UCR class in October) to the agenda under item *IV* on the agenda - Announcements.

**IV. Review of Minutes: August 25, 2005**

There were no changes to the meeting minutes.

**Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 05-34 through 05-37
- Public Education Information Report for September 22, 2005
- National Pollution Prevention Week – September 2005
- SA/SM Technical Committee Fiscal year 05/06 Permittee Public Education Requests Sheet
- Think You Know About Storm Drains Pollution Prevention? Questionnaire
- Valley Greeters 05/06 Totals
- Public Education Billboard Photo
- Powerpoint Slides –Tom Rheiner
- CASQA Conference 2005 Draft Agenda
- September 13, 2005 letter to Bruce Fujimoto, Re: NPDES Stormwater Program Meeting of Storm Water Panel of Experts September 14th and 15th, 2005

**V. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer**

Florence Mowrer discussed and reviewed the September 22, 2005 Public Education Report, and the National Pollution Prevention week flyer for September 2005. Copies of the report and flyer were provided to attendees.

Florence discussed the efforts of Valley Greeters in regards to the NPDES Public Education outreach services. A list was compiled with the number of homes visited and provided public educational materials. Florence informed Permittees that the District will participate in the upcoming events, Delia a Familia which will be held in downtown Riverside and the Southern California Fair which will be held in Perris. Both events will be held in October 2005. Florence invited Permittees to attend a NPDES Public Education outreach event to become familiar with how things work during the events.

Mike Roth asked Florence what type of questions are asked by the public at public education outreach events. Florence discussed how she approaches and answers questions posed by the public and noted that most people are somewhat aware of the correct things to do in regards to stormwater pollution prevention. She stated that it is her goal to provide the public with as much information as possible and will work with other agencies in efforts to distribute other items such as oil containers to keep the public in compliance with stormwater pollution prevention.

An update on the Billboard project was provided to attendees. Florence informed Permittees that the billboard will be located eastbound of the 60 freeway at the Country Village exit. The billboard is scheduled to go up October 1, 2005 and will generate approximately 77,000 impressions a day.

For more information on the public education efforts and material supplies, please review the September 22, 2005 public education report.

#### **VI. Announcements**

- A. Legislative Report – Jason informed Permittees that an update will be provided after October 1, 2005. The update will be emailed to Permittees.
- B. October CASQA Conference – Jason discussed the 1<sup>st</sup> state wide conference to be held by CASQA on October 3<sup>rd</sup> – 5<sup>th</sup> at the Ontario DoubleTree Hotel. Draft copies of the agenda were distributed to Permittees. Jason discussed the topics to be discussed at the conference and advised Permittees to attend and to also make efforts to send their staff. He noted that Linda Garcia and Dusty Williams of the District will give presentations at the conference as well as representatives from the City of Riverside. Tom Rheiner further discussed the agenda topics.
- C. September 15, 2005 Management Steering Committee (MSC) Meeting – Jason updated Permittees on the September 15<sup>th</sup> MSC meeting, which he informed City Managers of the CASQA conference scheduled for October 3<sup>rd</sup> - 5<sup>th</sup>. He then introduced to the City Managers the Urban Runoff Management Plan where he identified the advantages for the Cities. The MSC group also discussed the numeric effluent workshop and the status on TMDL issues.
- D. UCR Extension Center Training – A one day training conference will be provided by UCR on October 12, 2005. The title of the conference is Learn for Sustainable Development and the focus will be on the WQMP. Speakers will include Mark Adelson of the Regional Board, Barbara Klos of URS Consulting, an expert from UC Davis will speak about low impact development technologies, Ken Susilo from GeoSyntech who will discuss implementation of subregional BMP solutions, and Steve Anderson from Best Best and Kreger who will discuss agreements etc. Jason noted this as being the morning session agenda adding that this will be very useful for Permittees and recommended they attend. Copies of the flyers were made available to attendees.
- E. ROWD and Permit Renewal – Jason informed Permittees that District staff has begun working on the Whitewater ROWD. A meeting was held with the Colorado River Basin Regional Board in efforts to gain insight as to what they are looking for in the Permit. He discussed what took place at the meeting and stated that he is awaiting written comments from the Board. Further discussion ensued regarding past and future permit renewal issues.

#### **VII. Training – Tom Rhiener**

Tom briefed Permittees on scheduled training classes for WQMP, Municipal Facilities, Industrial Commercial, and Construction Site Inspections. Tom informed Permittees that there was still room available in all classes except the Construction Site Inspections training on September 28<sup>th</sup>. Jason noted that the District is required to provide training once during each fiscal year. Training is scheduled in the Fall and again in the Spring of each year. Please see Powerpoint slides provided for more information. Tom then briefly discussed future training efforts.

**VIII. TMDL Progress Report – Jason Uhley**

*Lake Elsinore/Canyon Lake Nutrient TMDL* – Jason notified attendees that the progress on this TMDL has been stalled due to significant cost-sharing disagreements. Jason added that it is his understanding that EPA will approve the TMDL in October, which means that the implementation plan will take effect. SAWPA will be proposing provisions to the implementation agreement at the next TMDL workgroup meeting as well as proposed cost allocations. In regards to containing costs, Jason noted that LESJWA has agreed to fund a study of the monitoring program to be performed by Tetra Tech. Their conclusion is that Permittees should not only look at reducing costs but to also look at answering management questions such as what are the problems at the lakes. A monitoring program alternative will be proposed to take a further look at the nutrient requirements, nutrients in the lake etc. Photos of the the lake in areas where algae has accumulated were shown to Permittees. The San Jacinto Watershed Council along with the District applied for a Prop 50 grant that will obtain approximately \$500,000 to develop an integrated regional watershed management plan for the San Jacinto Watershed. A portion of the grant money will be set aside to address TMDL issues in the San Jacinto Watershed.

*Middle Santa Ana River Bacteria Indicator TMDL* – Jason reported that this TMDL was adopted by the Regional Water Quality Control Board, and is currently going up through the State level for review. Final approval and adoption processes of the TMDL will take about a year. He then discussed studies being conducted relating to the watersheds, bacteria levels, and other watershed related issues.

*Canyon Lake Bacteria Indicator TMDL* – Jason informed Permittees that work is being conducted to build a model of the bacteria action in the lake.

**IX. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner**

- A. Template for Local Procedures (Santa Ana Permittees) WQMP - Tom discussed the template being developed for the Urban Stormwater Management Plan that was sent out to Permittees. He added that any comments relating to the template should be referred to him by the October 27<sup>th</sup> TAC meeting.
- B. Annual Report Update/Preparation – Tom reported that the Annual Report Questionnaires were sent to Permittees. Permittees met on August 14<sup>th</sup> to discuss the questionnaires and during the meeting Permittees made a few minor revisions to the forms. The forms were then re-sent to Permittees. The forms are due back to the District by September 30<sup>th</sup>. Tina noted that the same information provided by Tom holds true for the Santa Margarita Region Annual Report. She added that a meeting will be held September 22<sup>nd</sup> after the TAC meeting to discuss the Santa Margarita Annual Report requirements and Permittee comments and concerns.
- C. Consolidated Grant Opportunities – Jason reported on the Prop 50 grant awarded, and noted that he will know how much will be received at a later date. Tom then discussed other grants through the Consolidated Grants Program that may be pursued by Permittees and the formation of a sub-committee in efforts to obtain grant funding.

**XI. Open Discussion**

- A. Santa Ana RWQCB – Keith Elliott stated that Permittees should anticipate sending a letter out in October describing the process of phasing out the San Jacinto General Construction Activity Permit.

Jason discussed the July 14<sup>th</sup> numeric effluent limits meeting in which he stated that the results of the workshop showed that interested persons were unclear as to what the progress and understanding was regarding the numeric effluent limit issue. Jason added that a letter was sent to Bruce Fujimoto regarding the NPDES Storm Water Program. This letter was distributed to Permittees as well as City Managers. A brief discussion ensued between Keith Elliott, Mike Roth and Jason Uhley on this matter.

Jason informed Permittees that the DAMP which was submitted July 14<sup>th</sup> will be amended to include all changes originally intended before it was submitted. Jason stated that he will keep Permittees updated on this issue.

- B. San Diego RWQCB – Not present  
C. U.S. EPA – Region IX – Not present  
D. Round Table –

**XII. New Agenda Items / Schedule Next Meeting**

If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

Please visit the Storm Water/Clean Water Protection Program website at <http://www.floodcontrol.co.riverside.ca.us>.

The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY, October 27, 2005 – 10 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL DISTRICT**

**1995 Market Street**

**Riverside, CA 92501**

P8/102968

**MEETING AGENDA**  
**NPDES**  
**SANTA ANA / SANTA MARGARITA**  
**TECHNICAL COMMITTEE**

**10:00 – 11:00 a.m. Thursday, December 15, 2005**  
**Riverside County Flood Control District**  
**1995 Market Street**  
**Riverside, CA 92501**

**\*\*Please Note: MS4 Permittees involved in the Lake Elsinore/Canyon Lake TMDL will meet immediately following the TAC**

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: October 27, 2005
- IV. Announcements
  - A. Hydromod Presentation
  - B. Construction BMP Garden
  - C. November 17, 2005 Management Steering Committee Update
- V. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer
  - A. Events
  - B. Surveys
  - C. Miscellaneous
- VI. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update
  - B. Middle Santa Ana River Bacteria Indicator TMDL Update
  - C. Canyon Lake Bacteria Indicator TMDL Update
- VII. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner
  - A. Annual Report Update
  - B. Sanitary Sewer Overflow (SSO) Procedures Update
  - C. Data Collection/Monitoring
- VIII. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
  - D. Round Table
- IX. New Agenda Items/Schedule Next Meeting – January 26, 2006



# Storm Water Clean Water

PROTECTION PROGRAM

Member  
Agencies:

Banning  
Beaumont  
Calimesa  
Canyon Lake  
Cathedral City  
Coachella  
Coachella Valley  
Water District  
Corona  
County of Riverside  
Desert Hot Springs  
Hemet  
Indian Wells  
Indio  
La Quinta  
Lake Elsinore  
Moreno Valley  
Murrieta  
Norco  
Palm Desert  
Palm Springs  
Perris  
Rancho Mirage  
Riverside City  
Riverside County  
Flood Control  
District  
San Jacinto  
Temecula

**NPDES**  
**SANTA ANA / SANTA MARGARITA**  
**TECHNICAL COMMITTEE**

**Meeting Minutes**  
**for**  
**October 27, 2005**

**I. Attendees:**

Juan Martinez  
Penny Nanney  
David Ortega  
Tom Rheiner  
Tina Tuason  
Jason Uhley  
Charlene Warren  
Marianna Hernandez  
Keith Elliott  
Mike Roth  
Maria Macario  
John Wilder  
Michelle Colbert  
Linda Nixon  
Phuong Hunter  
Kent Wegelin  
Farida Naceem  
Doug Norfolk  
Michael Morales  
Cora Soto  
Bob Collacott  
Juan Villalobos  
Hal Schillinger  
Joel Wolf

Riverside County Flood Control District  
Riverside County Transportation  
Santa Ana Regional Board  
Santa Ana Regional Board  
Santa Ana Regional Board  
City of Beaumont  
City of Corona  
City of Hemet  
City of Moreno Valley  
City of Moreno Valley  
City of Murrieta  
City of Norco  
City of Perris  
City of Perris  
URS Corporation  
URS Corporation  
Kristar  
Rain for Rent

**II. Introductions**

Jason Uhley welcomed everyone to the meeting and initiated the self introduction of attendees.

**III. Agenda Changes:**

Public Education agenda item *V* was moved up to agenda item *III* without objections. Under agenda item *VI* (TMDL Progress Report ) item D - Update to the 303 List was added and under agenda item *VII* Jason added item C - Presentation given at San Diego Regional Board, item D – Discussion on the Stormwater Quality Task Force Effort, item E – Discussion on the Recision of the San Jacinto Construction Permit, item F – Santa Margarita Invoices and Implementation Agreement, and item G – Discussion of Permit Renewal in other regions.

**IV. Review of Minutes: September 22, 2005**

There were no changes to the meeting minutes.

**Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 05-39 through 05-42
- Public Education Information Report for October 27, 2005
- Powerpoint Slides – Tom Rheiner
- Santa Margarita River Watershed Clean Up

**V. Announcements**

- A. Legislative Report – Jason announced that due to District staffing issues, no legislative report was available.
- B. October CASQA Conference Meeting Summary – Jason provided Permittees a summary of the CASQA Conference events and topics of discussion. Topics of discussion included Hydromodification, Downstream Erosion and Habitat Changes from New Developments, Effectiveness Assessments, Program Funding Sources, and Discussion on Audits. Further discussion of Hydromodification ensued between Jason and Mike Roth.
- C. November 17, 2005 Management Steering Committee (MSC) Meeting – Tom gave an update on actions to take place during the November 17<sup>th</sup> MSC meeting, noting that Mark Norton of SAWPA will be providing City Managers a presentation regarding the San Jacinto TMDL effort, which EPA has approved. Michele Colbert asked if Mark would touch on the Middle Santa Ana River TMDL during his presentation to the City Managers, in which Jason stated that he would have to talk with Mark regarding her question.

**VI. Public Education Program 2005 Sub-Committee Meeting Report – Juan Martinez**

Juan Martinez introduced himself and provided attendees with an update on the efforts of the public education department.

- A. Events - Over 11,000 pieces of material was distributed at the Southern California Fair from October 6<sup>th</sup>-18<sup>th</sup> and over 4,000 promotionals and 500 surveys were distributed at the Fiesta De Familia event in October 2005.
- B. Surveys - Public Education Surveys are used to obtain baseline information of what the public understands about stormwater pollution prevention.
- C. Miscellaneous – Juan informed Permittees that the public education billboard was now up and is posted off the 60 freeway east of the Country Village exit. Flyers were handed out to Permittees regarding the Santa Margarita Clean Up Event. Mike Roth asked questions relating to what the public education department does to inform the public that it is illegal to wash down cement mixers and painting equipment down the gutter. Juan stated that the Outdoor Activities brochure provides information for the public that informs them of Do's and Don'ts and important telephone numbers. Tina Tuason added that there has been much effort put forth by the public education department to help educate the public on stormwater pollution prevention with the use of brochures, public education events, and curbmarker postings.

Jason noted that a public education survey has been created. This survey will help District staff in understanding how much the public understands about stormwater pollution prevention. Maria Macario asked if the Cities were being asked to conduct these surveys also. Jason noted that the survey is being refined at this point, so it is being conducted by the District and will later be made available to Permittees. Bob Collacott stated that these are the efforts of the Riverside County Flood Control District and each City engages in their own public education program and reports on their public education efforts in the Annual Report.

### **VIII. TMDL Progress Report – Jason Uhley**

- A. *Lake Elsinore/Canyon Lake Nutrient( San Jacinto)TMDL* – Tom updated Permittees on the efforts of this TMDL, adopted by the Santa Ana Regional Board December 2004 and approved by EPA in October 2005. Tetra Tech was brought on board to assist with this TMDLs monitoring related issues. MS4 Permittees are scheduled to meet November 3<sup>rd</sup> regarding this TMDL. Jason discussed TMDL issues related to cost sharing, grant applications, LESJWA, and SAWPA that Permittees need to meet to discuss strategy. Jason also stressed the importance of Permittees being present at the November 3<sup>rd</sup> TMDL meeting and future meetings to be able to report to their City Managers the implications of the TMDLs.
- B. *Middle Santa Ana River Bacteria Indicator TMDL* – This TMDL was adopted at the August 26<sup>th</sup> Regional Board meeting and is now awaitng EPA approval.
- C. *Canyon Lake Bacteria Indicator TMDL* – There is currently no update on this TMDL.
- D. *303D List* – Updates are currently being made to the 303D List in which PCE is the only new constituent in the Santa Ana region, in the Santa Margarita region, there are several new constituents which include Maganese, Zinc, Arsenic Copper, Iron and Nitrogen in Murrieta Creek based on a sample taken in 1998. In Temecula Creek they are looking at Nitrogen, Phosphorus, and Turbidity. None of the constituents are

scheduled for an immediate TMDL. For more information, please refer to the powerpoint slides provided at this meeting.

**IX. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner**

- A. Template for Local Procedures (Santa Ana Permittees) WQMP - Tom discussed the Urban Stormwater Management Plan template. Jason added that the document is not a permit requirement and would not be submitted to the Regional Board but rather be a tool for the Permittees. He then explained the benefits of using the template which include using it to assist Permittees in educating new staff, approaching managers for financial help in their program efforts, and in the case of an audit, program information is readily available. Bob Collacott elaborated on the benefits of the template.
- B. Annual Report Update/Preparation – Tom informed Permittees that the Santa Ana Annual Report is due at the end of November. Jason asked that Permittees please submit their reporting forms on time. Tina added she has received Temecula's annual reporting forms and is awaiting the submittal of Murrieta's and the County's annual reporting forms. The Santa Margartia Annual Report is due October 31<sup>st</sup>.
- C. San Diego Presentation – Jason provided a Santa Margarita Permit status report to the San Diego Board on October 12<sup>th</sup>. Jason briefed Permittees on three key points that he raised to the San Diego Board. First was the incorporation of public participation, second were issues surrounding the renewal of the San Diego Permit and third was funding source issues.
- D. Stormwater Quality Task Force – Stormwater Quality Task Force will provide a presentation of the status of the effort at the next Regional Board meeting.
- E. San Jacinto Construction Permit – Jason informed Permittees that an email was received from Maria Macario indicating that the San Jacinto Construction Permit will expire in January 2006 and would not be renewed. Jason recommended that City staff responsible for implementing the WQMP get together to discuss any issues surrounding the document. An email will be sent to Permittees for scheduling of a meeting on these issues. Keith Elliott added that in addition to the WQMP, the TMDL Implementation Plan is in effect and moving forward so the object of the San Jacinto Construction Permit is being met through these mechanisms. Maria Macario noted the Board does not have all the answers to the questions posed and will need a few days to address those questions.

Jason informed Permittees that invoices for Santa Margarita Co-Permittees regarding the Implementation Agreement are being prepared and will be sent out at the end of the month. Jason stated that the District will need payments made in a timely manner due to the current low fund balances.

- F. Permit Renewals - The San Diego Board is updating the San Diego Permit and there are four items the Board has identified as priorities, which include implementation of the WQMP, program effectiveness analysis, focus on watershed and/or Regional programs and pollutant prioritization.

The Whitewater Permit is currently being updated and no major changes are expected within this region.

**XI. Open Discussion**

- A. Santa Ana RWQCB – Mike Roth informed Permittees that there will be 5 ACLs coming out against construction sites in the Riverside area. He discussed erosion and sediment plans being revised by Permittees due to complaints and arguments posed by developers. Michelle Colbert commented on Mike's concerns, noting that these issues are the purpose for the SWPPP. Jason asked that the Regional Board assist the Permittees by providing the District and Permittees with NOV's and ACLs in efforts to discuss them with Permittees prior to NOV's being issued. A brief discussion ensued among Permittees regarding this issue.

Maria asked that any Permittees interested in being on the email list to receive information on the San Jacinto Construction Permit, please let her know.

Tom notified Permittees that the compliance assistance surveys are available and can be picked up from David Ortega of the District.

There will be no SA/SM TAC meeting in the month of November.

- B. San Diego RWQCB – Not present  
C. U.S. EPA – Region IX – Not present  
D. Round Table –

**XII. New Agenda Items / Schedule Next Meeting**

If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

Please visit the Storm Water/Clean Water Protection Program website at <http://www.floodcontrol.co.riverside.ca.us>.

The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY, December 15, 2005 – 10 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL DISTRICT**

**1995 Market Street**

**Riverside, CA 92501**

P8/103896

## MEETING AGENDA

### NPDES SANTA ANA / SANTA MARGARITA TECHNICAL COMMITTEE

10:00 – 11:00 a.m. Thursday, January 26, 2006  
Riverside County Flood Control District  
1995 Market Street  
Riverside, CA 92501

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: December 15, 2005
- IV. Announcements
  - A. Hydromodification Presentation
  - B. Construction BMP Garden
  - C. CASQA Meeting
  - D. February MSC Meeting
- V. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer
  - A. Events
  - B. Surveys
  - C. Miscellaneous
- VI. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update – Agreement Grants
  - B. Middle Santa Ana River Bacteria Indicator TMDL Update - Grants
  - C. Canyon Lake Bacteria Indicator TMDL Update
- VII. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner
  - A. Submittal of Santa Margarita Watershed SWMP
  - B. Deminimus Permit
  - C. SSO Procedure Update
- VIII. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
  - D. Round Table
- IX. New Agenda Items/Schedule Next Meeting – February 23, 2006



# Storm Water Clean Water PROTECTION PROGRAM

## Member Agencies:

Banning  
Beaumont  
Calimesa  
Canyon Lake  
Cathedral City  
Coachella  
Coachella Valley  
Water District  
Corona  
County of Riverside  
Desert Hot Springs  
Hemet  
Indian Wells  
Indio  
La Quinta  
Lake Elsinore  
Moreno Valley  
Murrieta  
Norco  
Palm Desert  
Palm Springs  
Perris  
Rancho Mirage  
Riverside City  
Riverside County  
Flood Control  
District  
San Jacinto  
Temecula

## NPDES SANTA ANA / SANTA MARGARITA TECHNICAL COMMITTEE

### *Meeting Minutes* *for* **December 15, 2005**

#### **I. Attendees:**

Linda Garcia  
Florence Mowrer  
Penny Nanney  
Tom Rheiner  
Tina Tuason  
Jason Uhley  
Charlene Warren  
Keith Elliott  
Mike Roth  
Maria Macario  
John Wilder  
James Grimm  
Reza Amirazodi  
Yolanda Macaladad  
Linda Nixon  
Farida Naceem  
Lori Askew  
Cora Soto  
Nicole Greene  
Aldo Licitra  
Bob Collacott  
Hal Schillinger

Riverside County Flood Control District  
Santa Ana Regional Board  
Santa Ana Regional Board  
Santa Ana Regional Board  
City of Beaumont  
City of Canyon Lake  
City of Corona  
City of Corona  
City of Hemet  
City of Murrieta  
City of Norco  
City of Perris  
City of Riverside  
City of Temecula  
URS Corporation  
Kristar

**II. Introductions**

Jason Uhley welcomed everyone to the meeting and initiated the self introduction of attendees.

**III. Agenda Changes:**

Item D (Numeric Effluent Limits) was added to agenda item IV. Item D (Fiscal Analysis Reporting ) was added to agenda item VII.

**IV. Review of Minutes: October, 2005**

There were no changes to the meeting minutes.

**Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 05-43 through 05-50
- "Think You Know About Storm Drain Pollution Prevention?" Survey Form
- Powerpoint Slides – Tom Rheiner

**V. Announcements**

- A. Hydromod Presentation - Jason Uhley announced that hydromod, which deals with the potential impacts on downstream creeks from new development etc., has been a major topic for the State Regional Boards. CASQA held a 1-day workshop on hydromod in October 2005 and prepared a draft whitepaper to provide a status of the science of hydromod. This document is currently out for review. Jason discussed funding studies to help Permittees further understand hydromod in efforts to address the issue adequately. He added that a hydromod presentation is scheduled for the February NPDES TAC meeting and will focus on the potential impacts of erosion. Presenter for this presentation will be Hasan Nouri, P.E., of Rivertech Inc. This will be an extended meeting.
- B. Construction BMP Garden - Construction BMP Garden Party Homes currently has a project in place in the City of Beaumont, north of the freeway, west of Highland Springs Road in which a BMP Garden has been developed. For the purpose of construction BMPs, Garden Party Homes have set out test sites using some of the standard sediment and erosion control BMPs to demonstrate some of the technology. Jason informed Permittees that he will be trying to get a tour scheduled in February 2006 to go out to the site and see the how well the BMPs are working. This event will be beneficial for Permittees, NPDES coordinators, and inspection staff and will more than likely be an all day event.
- C. November 17, 2005 Management Steering Committee Update - Jason briefed Permittees on the actions of this meeting noting that this particular meeting was one of the more extensive meetings conducted with City Managers. The bulk of the meeting was spent discussing the Lake Elsinore TMDL, in which City Mangers expressed concerns about the proposed task force being suggested by SAWPA and LESJWA and developed by the existing stakeholder. Some of their concerns included how the task force will perform, how they will share costs, and if all cities needed to participate in the task force. Jason informed City Managers that it is federal law that all cities participate in the task force. Mark Norton gave a presentation on the TMDL and

provided feedback to City Managers on their questions, comments, and concerns. Jason added that good progress was made during the meeting and City Managers seem to understand these issues better.

- D. Numeric Effluent Limits – Jason reported that a workshop was held by the State, providing an opportunity for experts in the stormwater field to discuss how numeric effluent limits might be applied to various stormwater permits including MS4 permits. The result of the workshop was the proposal of a whitepaper being prepared and submitted to the State. The results of the whitepaper would then be used to modify proposed industrial permits to general industrial permits, and possibly be used to look at ramifications and other issues relating to numeric effluent limits. He added that a whitepaper is due to be released and once that takes place, he will forward the information to Permittees.

**VI. Public Education Program 2005 Sub-Committee Meeting Report – Tom Rheiner**

Tom announced that the 2006 calendars will be available in Mid-January.

***Events***

Steve Groner and Associates - Tom reported that Steve Groner and Associates completed an outreach event on December 10<sup>th</sup> at the Lowe's in Murrieta, where they distributed much of the public education information distributed by the District.

Santa Margarita Clean-Up - It was been reported that approximately 350 volunteers participated in the Santa Margarita Clean Up and 55.64 tons of trash were removed from the watershed.

Down's Energy Billboard Project – The public education billboard has been up since the first week of October. The billboard is located off the 60 freeway and portrays the stormwater/cleanwater message. Tom asked that Permittees who may see the billboard, please take note and let District staff know their thoughts about the billboard.

Florence reported that after finding out of a public education animal services outreach program produced by Riverside County Environmental Health/Animal Services and shown throughout the County, she approached them to consider including a segment on storm drain pollution protection best management practices for pet owners. The request was met with overwhelming approval and discussions will be held to begin developing the particular segment. The Environmental Health/Animal Services Division has been working with the Only Rain Down the Storm Drain Pollution Prevention Program by handing out storm drain pollution prevention reading materials and promotionals (a dustpan, shop cloth, and vehicle air freshener) to all adopted animals housed at the shelter.

**VIII. TMDL Progress Report – Tom Rheiner**

- A. *Lake Elsinore/Canyon Lake Nutrient (San Jacinto) TMDL* – Tom reported that the TMDL workgroup met November 10<sup>th</sup> and 28<sup>th</sup> to discuss revised funding allocations and the stakeholder task force agreement. He added that the level of attendance at the TMDL workgroups seems to be rising and have included public work directors and others of higher ranks. He noted that Mark Norton gave a presentation on the TMDL to City Managers at the November 17<sup>th</sup> MSC meeting and to the Santa Ana Regional Board on November 18<sup>th</sup>.

Tom informed Permittees that there are several things that need to be decided such as the general stakeholder group coming to a consensus on joint implementation, cost sharing, and the role of LESJWA as the administrative party. Tom also mentioned the fact that the MS4 Permittees will unite as one group and distribute the cost among the MS4 parties. He noted that City Managers were briefed on this decision and they expressed good feelings about the matter. The next workgroup meeting was set for December 19<sup>th</sup>. Tom further discussed the importance of Permittees getting together to discuss the TMDL in efforts to gain a way to approach this issue.

Jason added that the meeting set to take place immediately after the December 15<sup>th</sup> TAC meeting will allow Permittees the opportunity to discuss three things of importance, and consist of the implementation agreement, overall cost sharing, and a breakdown of how the MS4 Permittees will share portions of the cost. He noted that he has prepared numbers for these items and asked that the San Jacinto city Permittees stay for the meeting.

Permittees were informed that (13) 267 letters will be issued to all named parties, putting them on notice that they are required to participate in the TMDL. The letters will identify the studies Permittees are required to prepare and indicate the need for Permittees to develop the studies on their own or contribute to the task force.

- B. *Middle Santa Ana River Bacteria Indicator TMDL* – Tom noted that this TMDL was approved August 2005 and it is estimated that EPA will approve it in August 2006. The Stormwater Quality Standards Task Force is looking at the applicability of the water contact beneficial use that will affect how the TMDL is implemented. Tom noted that a meeting to discuss this TMDL is set for December 16<sup>th</sup> at SAWPA. He then stated that one of the main means of funding this TMDL is through grant funding and that Permittees are fortunate that the Regional Board has identified the Middle Santa Ana TMDL as a priority issue of concern. There will be a workgroup meeting on January 11<sup>th</sup>.

Jason added that there is about \$300,000 worth of monitoring costs that needs to be shared on this TMDL, as well as some special studies that impact the urban MS4 Permittees and an urban stormwater management plan to address pathogens. This item is due in approximately 6 months. He stressed the importance of named cities who receive the the 267 letters attending the workgroup meetings, noting that their non-participation may result in NOVs and ACLs.

James Grimm posed a comment on the terminology used earlier in the meeting regarding the lead agency being LESJWA/Mark Norton and SAWPA and wanted to know who in fact the lead agency was. Jason informed him that the likely outcome for the agreement is that the agreement will identify task force members in which the agreement states that task force members will select an administrating entity and it is very likely that LESJWA will be selected as the administrating entity. Mark Norton is the executive director of LESJWA and provides LESJWAs administrative services, therefore, it will be Mark Norton conducting the work as well as SAWPA staff but as a contract entity to LESJWA.

- C. *Canyon Lake Bacteria Indicator TMDL* – There was no discussion on this TMDL.
- D. *303D List* – There was no discussion on this.

**IX. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner**

- A. Annual Reports - Tom reported that the Santa Ana and Santa Margarita Annual Reports were submitted on time and thanked everyone for their efforts. Tina reminded Santa Margarita Permittees that an effectiveness assessment and a letter response to the San Diego Board needed to be submitted. She asked that the Santa Margarita Permittees review their SWMPs for knowledge of their obligations to the Regional Board, and to assure that they are fulfilled. Jason further discussed issues surrounding the effectiveness assessment.
- B. Sanitary Sewer Overflow (SSO) Procedures Update – Tom discussed the SSO procedures and the contact list developed for use in the case a spill occurs and identified individuals needed to be reached. He reminded Permittees that they need to forward additional information regarding after hour contacts if they haven't already done so. Jason informed Permittees that with regards to the SSO procedures, he has forwarded Permittees a draft WDR for sanitary sewer operators. The State Board is now interested in developing regulations to control sewerage systems due to the impact they have on surface waters. He added that there will possibly be a workshop in February and Permittees will be reviewing documents and preparing comments for submittal due to the fact that when there are sanitary sewer overflows, they do get into the MS4 systems and MS4 Permittees are then faced with fines etc.
- C. Data Collection/Monitoring – Tom reported that District staff has mobilized twice in the rainy season to service the Santa Margarita wet weather events. He noted that though there was very little rain and no runoff, it provided an opportunity to see that they are able to mobilize. Monitoring efforts will continue to be exercised by District staff.

**XI. Open Discussion**

- A. San Diego RWQCB – Not present
- B. Santa Ana Regional Board – Mike Roth inquired about the District scheduling a hydrology class. Jason addressed budget and workload concerns and stated that at this time there are many water quality issues that are being dealt with, currently leaving minimal time for this type of training class. He did add that Hasan Nouri of Rivertech Inc., will be conducting a presentation at the February 23<sup>rd</sup> NPDES TAC meeting and that some of Mike's questions and concerns can be addressed at that time.

Mike then discussed the NOV sent to Riverside County by the San Diego Regional Board notifying them that they need to respond faster to shut a site down and not give a 10 day notice to shut the site down when the site needs to be shut down faster. He noted that the Regional Board will be conducting focus audit follow ups on the City of Riverside, the City of Corona, and the City of Moreno Valley. Keith Elliott asked if this meant that the other cities are clear of these audits, in which Maria Macario added that it did not mean that other cities would not be audited, but rather, scheduled at a later time. There is no schedule in place yet as to when the audits will be done.

Tina Tuason added that there is annual WQMP training held at the District to help individuals understand some of Mike's concerns. Jason noted that the District is looking at revising the WQMP training to focus more on BMP design and less on the general requirements. Annual training conducted by the District will possibly start in March 2006. A brief discussion ensued between Jason and Aldo Licitra regarding modifications to training and the revisions of the BMP design manual being conducted by Bob Cullen of the District, which will help in the modifications to the WQMP training. Once the design manual has been completed, it will then be available on the web.

C. U.S. EPA – Region IX – Not present

D. Round Table – No discussion

***XII. New Agenda Items / Schedule Next Meeting***

If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

Please visit the StormWater/CleanWater Protection Program website at <http://www.floodcontrol.co.riverside.ca.us>.

The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY, January 26, 2006 – 10 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL DISTRICT**

**1995 Market Street**

**Riverside, CA 92501**

P8/104548

## MEETING AGENDA

### NPDES SANTA ANA / SANTA MARGARITA TECHNICAL COMMITTEE

10:00 – 12:30 p.m. Thursday, February 23, 2006  
Riverside County Flood Control District  
1995 Market Street  
Riverside, CA 92501

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: January 26, 2006
- IV. Announcements
  - A. Hydromodification Presentation
  - B. February MSC Meeting
  - C. Tom Rheiner will be on vacation through March 6<sup>th</sup>. Please contact Jason Uhley at 951.955.1273 with questions.
  - D. Stormwater Treatment Course by Gary Minton – March 13<sup>th</sup> and 14<sup>th</sup>, 2006
  - E. Numeric Effluent Limits Update
- V. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer
  - A. Events
  - B. Surveys
  - C. Miscellaneous
- VI. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update
  - B. Middle Santa Ana River Bacteria Indicator TMDL Update
- VII. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner
  - A. Deminimus Discharge Permit Update
- VIII. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
  - D. Round Table
- IX. Integrated Management of Stormwater, Sediment and Pollutants – Hasan Nouri
- X. New Agenda Items/Schedule Next Meeting – March 23, 2006



# Storm Water Clean Water PROTECTION PROGRAM

**Member  
Agencies:**

- Banning
- Beaumont
- Calimesa
- Canyon Lake
- Cathedral City
- Coachella
- Coachella Valley  
Water District
- Corona
- County of Riverside
- Desert Hot Springs
- Hemet
- Indian Wells
- Indio
- La Quinta
- Lake Elsinore
- Moreno Valley
- Murrieta
- Norco
- Palm Desert
- Palm Springs
- Perris
- Rancho Mirage
- Riverside City
- Riverside County  
Flood Control  
District
- San Jacinto
- Temecula

**NPDES  
SANTA ANA / SANTA MARGARITA  
TECHNICAL COMMITTEE**

***Meeting Minutes  
for  
January 26, 2006***

***I. Attendees:***

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Arlene Chun</li> <li>Linda Garcia</li> <li>Tom Rheiner</li> <li>Tina Tuason</li> <li>Jason Uhley</li> <li>Charlene Warren</li> <li>Alex Gann</li> <li>Marianna Hernandez</li> <li>Keith Elliott</li> <li>Adam Fischer</li> <li>Mike Roth</li> <li>Maria Macario</li> <li>John Wilder</li> <li>Bob French</li> <li>James Grimm</li> <li>Yolanda Macalalad</li> <li>Jeff Potts</li> <li>Linda Nixon</li> <li>Phuong Hunter</li> <li>Kent Wegelin</li> <li>Farida Naceem</li> <li>Lori Askew</li> <li>Cora Soto</li> <li>Sandy Caldwell</li> <li>Jessica Chin</li> <li>Aldo Licitra</li> <li>Bob Collacott</li> <li>Joel Woolf</li> <li>Steve Butkus</li> </ul> | <ul style="list-style-type: none"> <li>Riverside County Flood Control District</li> <li>Riverside County Executive Office</li> <li>Riverside County Transportation</li> <li>Santa Ana Regional Board</li> <li>Santa Ana Regional Board</li> <li>Santa Ana Regional Board</li> <li>Santa Ana Regional Board</li> <li>City of Beaumont</li> <li>City of Calimesa</li> <li>City of Canyon Lake</li> <li>City of Corona</li> <li>City of Corona</li> <li>City of Hemet</li> <li>City of Moreno Valley</li> <li>City of Moreno Valley</li> <li>City of Murrieta</li> <li>City of Norco</li> <li>City of Perris</li> <li>City of Riverside</li> <li>City of Riverside</li> <li>City of Temecula</li> <li>URS Corporation</li> <li>Rain for Rent</li> <li>Weston Solutions</li> </ul> |
|---|---|

## **II. Introductions**

Jason Uhley welcomed everyone to the meeting and initiated the self introduction of attendees.

## **III. Agenda Changes:**

Under agenda item *IV Announcements*, announcements included Hydromod Presentation, Stormwater Treatment Class, CASQA Meeting, February MSC Meeting, San Jacinto River TMDL, Revised BMP Construction Design Manual, Fish and Game Presentation, and NPDES Training.

## **IV. Review of Minutes: December 15, 2006**

Yolanda Macalalad commented on the correct spelling of her name and announced that Reza Amirazodi is no longer with the City of Corona and has been replaced by Jeff Potts.

### **Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 05-51 through 06-04
- Letter dated January 17, 2006 from Santa Ana Watershed Project Authority (SAWPA) to Stakeholders, Re: Middle Santa Ana River Watershed TMDL Task Force
- Integrated Management of Stormwater Sediment and Pollutants registration form
- Accomplishment Highlights of Hasan Nouri
- Two-Day Short Course flyer - Stormwater Treatment: How it works? (Or Does It?)
- Letter dated January 18, 2005 from San Jacinto River Watershed Council (SJRWC) to Stakeholders, Re: SJRWC Guidebook for Living in the San Jacinto Funding Request
- NPDES Public Education Information Report for January 26, 2006
- Santa Ana/Santa Margarita Permittee Public Education Requests 05/06
- Powerpoint Slides – Tom Rheiner

## **V. Announcements**

**A. *Hydromod Presentation*** - Jason Uhley announced that a hydromod presentation is scheduled for the February 23, 2006 NPDES TAC meeting and will focus on the potential impacts of New Development on downstream streams. Registration forms were provided to attendees along with background information on Mr. Hasan Nouri. Mr. Nouri, president of Rivertech Inc., will be conducting the presentation. Jason stated that the Regional Board was invited to attend the presentation and asked that attendees who are interested in attending the presentation please complete the supplied registration form and submit it to Charlene Warren. Bob Collacott provided brief comments on Mr. Nouri's professional accomplishments and his acquaintance with Mr. Nouri.

**B. *Two-Day Short Course*** – Jason informed attendees that a two-day course on stormwater BMP design would be held on March 13<sup>th</sup> and 14<sup>th</sup>, 2006. The course will be presented by Gary Minton, PhD, PE. A brief discussion regarding the benefits of the course ensued among the group. Please see the flyer {Stormwater Treatment: How it works? (Or Does It?)} distributed at the January 26, 2006 meeting or log onto <http://www.stormwaterbook.com/short-course.html> for more information.

- C. CASQA Meeting** – CASQA held a State of the Watershed meeting on January 20, 2006. Jason reported on the meeting and presentations provided by Alexis Strauss and Celeste Cantu. The main topic of the meeting was numeric effluent limits. Jason added that a whitepaper summarizing the findings of the stormwater panel selected by the SWRCB is pending and District staff will continue to follow developments on behalf of Permittees. More information will be provided to Permittees at a later time regarding the deficiencies of CASQAs numeric effluent approach.
- D. February Management Steering Committee (MSC) Meeting** – Tom advised attendees of the February 16, 2006 MSC meeting. Jason stated that the primary focus of the meeting would be the San Jacinto TMDL.
- E. San Jacinto River TMDL** - A meeting has been scheduled for San Jacinto Permittees following the January 26, 2006 NPDES TAC meeting to discuss the agreement and cost sharing proposals for this TMDL.
- F. Revised BMP Constuction Design Manual** – Jason stated that the District has been working on a revised post construction BMP design manual for the unincorporated County and hopes that once it is adopted it can be implemented region wide. Goals and objectives of the BMP design manual are to address appropriate post construction BMPs for different forms of development. A draft of the manual should be available in February or March 2006. Mike Roth asked if the manual is designed to work in conjunction with the WQMP. Jason informed him that it would be an amendment used to enhance the existing BMP design guidance manual within the WQMP. He further discussed issues surrounding the implementation and benefits of the revised manual.
- G. NPDES Training** – Tom informed attendees of the upcoming Spring Annual NPDES Training classes scheduled at the District. Jason noted that consultants who are conducting the training have been asked to incorporate several new tasks this year, which include focusing on the pollutants of concern in the watershed and reviewing the quality of the training classes in efforts to produce a more effective training program. Registration forms will be sent via email to all Permittees and interested parties. Training times and dates are as follows:

**Construction Activities - March 20<sup>th</sup>, 8-11 a.m.**  
**Construction Activities – March 29<sup>th</sup>, 1-4 p.m.**  
**Municipal Activities and Facilities – March 20<sup>th</sup>, 1-4 p.m.**  
**Municipal Activities and Facilities – March 29<sup>th</sup>, 8-11 a.m.**  
**WQMP – March 22<sup>nd</sup>, 8 -12 p.m.**  
**WQMP – March 30<sup>th</sup>, 1-5 p.m.**  
**Industrial/Commercial Activities – March 22<sup>nd</sup>, 1-4 p.m.**  
**Industrial/Commercial Activities – March 30<sup>th</sup>, 8-11 a.m.**

Training will be conducted by Brown & Caldwell and AEI-CASC.

**H. Fish and Game Presentation** - Jason informed Permittees that there will be a Fish and Game presentation following the March 23, 2006 NPDES TAC meeting.

**VI. Public Education Program 2005 Sub-Committee Meeting Report – Tina Tuason**

Tina Tuason reviewed the January 26, 2006 public education report and the Permittee public education requests report which were both distributed to attendees at the January 26, 2006 NPDES TAC meeting. Discussion included the Household Hazardous Waste (HHW) Collection event dates, curb markers, public outreach requests, individual Permittee requests for materials, 800 toll free calls, public outreach materials inventory update, RCRCO report, and Steve Groner & Associates. Please see the public education report for more information. Jason added that Florence Mowrer has made a complete packet of all public outreach materials available to Permittees. These packets are designed to assist Permittees in their requests for materials by providing them easy access to the information. Please contact Flo or her assistance Jaun Martinez for a packet of this information. There were no questions from attendees.

**VIII. TMDL Progress Report – Jason Uhley**

**A. Lake Elsinore/Canyon Lake Nutrient (San Jacinto) TMDL** – Jason advised attendees that he would be keeping this report short due to the meeting scheduled to discuss this item following the January 26, 2006 NPDES TAC meeting. He added that the TMDL was adopted by the State in October 2005 and the monitoring report was submitted in December 2005. Jason then reported on the response received from the Regional Board regarding the monitoring report, the 13267 letters issued to the Cities by the Regional Board, and efforts to comply with the TMDL. Tom informed Permittees of the next Regional Board workshop scheduled for February 8, 2006.

**B. Middle Santa Ana River Bacteria Indicator TMDL** – Jason informed Permittees that SAWPA is pursuing grants for both the Middle Santa Ana River and the Lake Elsinore/Canyon Lake TMDL under the consolidated grants program to assist in offsetting some of the costs associated with this TMDL. Jason expressed concerns with the competitiveness of these grants.

**C. Canyon Lake Bacteria Indicator TMDL** – Jason stated that there was no news to report on this TMDL. Jason noted that Hope Smythe indicated that sometime after the first of the year there would be a draft staff report available. He expects an update on this TMDL in March/April 2006.

**D. Storm Water Quality Task Force** - Lastly, Jason reported that the Stormwater Quality Task Force is working on developing wet weather exemption language for bacteria indicators and hopes to have it adopted by the end of 2006. This may propose a revision of the basin plan from fecal coliform to e. coli.

**IX. Santa Ana/Santa Margarita Region Programs – Jason Uhley**

**A. Submittal of Santa Margarita Watershed SWMP** – Jason reported that the revision of the watershed SWMP for the Santa Margarita Region is due to be submitted on January 31, 2006. The San Diego Regional Board has asked that minor modifications be made to the individual Permittee compliance documents and they be re-submitted as well. San Diego Permittees met prior to the January 26, 2006 NPDES TAC

meeting to discuss these items. Tina informed Farida Naceem that Bill Rhoades of the District needs the City of Murrieta's information regarding plan land use and would like it submitted in GIS format. Tina asked that Farida contact Bill at her earliest convenience.

- B. *Deminimus Permit*** - Jason informed Permittees that Milasol Gaslan of the Regional Board sent him an email noticing that Permittee Construction Projects involving ground water dewatering require a separate Deminimus Discharge permit. Jason informed Permittees that NPDES MS4 and General Construction permits do not exempt them from obtaining the Deminimus Stormwater permit. The Deminimus permit is specific to the Santa Ana Permit. Maria Macario stated that Permittees should contact Mr. June Martirez of the Permit Section at the Regional Board with questions related to this issue. Mike Roth provided an example of reasons why Permittees will need to obtain a deminimus discharge permit. Tom Rheiner presented the Deminimus General Permit, informing Permittees that it is available on the Regional Board's website, permit number 2003-0061. Brief discussion among District staff, Regional Board staff, and Linda Nixon ensued regarding this issue. Jason informed Linda that he would follow up with Mr. Martirez and obtain information as to what is required.
- C. *SSO Procedures*** – Tom discussed the cities and sewerage agencies contact list developed for use in the case that a sanitary sewer overflow occurs. He added that because there was insufficient after hour contact information, an email request asking for additional information was sent to Permittees in October 2005. Tom asked that Permittees review the contact list he presented at the meeting and provide the appropriate information if they have not already done so. The contact list is now an appendix to the DAMP.
- D. *Colorado River Region ROWD*** – Jason informed the group that the ROWD is due in March 2006.
- E. *San Jacinto River Watershed Council*** – Jason stated that the SJRWC is preparing a watershed guidebook and is seeking donations and additional information to assist in its preparation. The District has contributed funds towards this effort along with EVMWD. Additional funds are still needed. Jason provided a letter from Pat Boldt asking for various public contact numbers for city services. Jason also asked that Permittees email any available information to Pat Boldt of SJRWC and expressed the benefits of participation in this effort. Please see the handout provided at the January 26, 2006 TAC meeting (SJRWC letter dated July 18, 2005 regarding Guidebook for Living in the San Jacinto Funding Request).

Mike Roth asked the difference between SJRWC and LESJWA. Jason informed him that LESJWA is an entity formed by the County of Riverside, the District, EVMWD, EMWD, and the cities of Canyon Lake and Lake Elsinore, whose sole purpose is to improve the conditions of Lake Elsinore. He explained that SJRWC is a non-profit organization that focuses on improving water quality issues within the San Jacinto River Watershed and its stakeholder group is more diverse.

**XI. Open Discussion**

**A. *San Diego RWQCB*** – Not present

**B. *Santa Ana Regional Board*** – Mike Roth discussed a product called Enviraguard which he would like to eventually have incorporated into the general permit.

Wet weather date clarifications were discussed among Permittees. Jason stated that the wet weather season for MS4 Permittees in the Santa Ana Region is October 1<sup>st</sup> through 31<sup>st</sup>. Tina further discussed the Construction Inspection program and the fact that BMPs must be working appropriately at all times. There was no further discussion from the group. The meeting was adjourned.

**C. *U.S. EPA – Region IX*** – Not present

**D. *Round Table*** – No discussion

**XII. New Agenda Items / Schedule Next Meeting**

If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

Please visit the StormWater/CleanWater Protection Program website at:

<http://www.floodcontrol.co.riverside.ca.us>. The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY, February 23, 2006 – 10 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL DISTRICT**

**1995 Market Street**

**Riverside, CA 92501**

P8/105037

**MEETING AGENDA**  
**NPDES**  
**SANTA ANA / SANTA MARGARITA**  
**TECHNICAL COMMITTEE**

**10:00 – 12:30 p.m. Thursday, April 27, 2006**  
**Riverside County Flood Control District**  
**1995 Market Street**  
**Riverside, CA 92501**

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: February 23, 2006
- IV. Announcements
  - A. Numeric Effluent Limits Update
  - B. CASQA Meeting Update
  - C. DEH Surveys
  - D. MSC Meeting – May 18, 2006
  - E. USSO (Sanitary Sewer Overflow) Update
- V. Public Education Program 2005 Sub-Committee Meeting Report – Florence Mowrer
- VI. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update
  - B. Middle Santa Ana River Bacteria Indicator TMDL Update
- VII. Santa Ana/Santa Margarita Region Programs – Tina Tuason
  - A. Deminimus Discharge Permit Update
  - B. County Post-Construction BMP Handbook and Maintenance Program Update
- VIII. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
  - D. Round Table
- IX. New Agenda Items/Schedule Next Meeting – May 25, 2006
- X. DFG Streambed Alteration Agreements – Jeff Brandt



# Storm Water Clean Water PROTECTION PROGRAM

## Member Agencies:

Banning  
Beaumont  
Calimesa  
Canyon Lake  
Cathedral City  
Coachella  
Coachella Valley  
Water District  
Corona  
County of Riverside  
Desert Hot Springs  
Hemet  
Indian Wells  
Indio  
La Quinta  
Lake Elsinore  
Moreno Valley  
Murrieta  
Norco  
Palm Desert  
Palm Springs  
Perris  
Rancho Mirage  
Riverside City  
Riverside County  
Flood Control  
District  
San Jacinto  
Temecula

## *NPDES SANTA ANA / SANTA MARGARITA TECHNICAL COMMITTEE*

### *Meeting Minutes for February 23, 2006*

#### ***I. Attendees:***

Arlene Chun  
Linda Garcia  
Penny Nanney  
Jason Uhley  
Charlene Warren  
Alex Gann  
Marianna Hernandez  
Claudia Perez  
Keith Elliott  
Maria Macario  
James Grimm  
Michele Colbert  
Yolanda Macalalad  
Linda Nixon  
Phuong Hunter  
Lori Askew  
Cora Soto  
Aldo Licitra  
Steve Butkus

Riverside County Flood Control District  
Riverside County Executive Office  
Riverside County Transportation  
Riverside County Transportation  
Santa Ana Regional Board  
Santa Ana Regional Board  
City of Canyon Lake  
City of Corona  
City of Corona  
City of Hemet  
City of Moreno Valley  
City of Norco  
City of Perris  
City of Temecula  
Weston Solutions

**II. Introductions**

Jason Uhley welcomed everyone to the meeting and initiated the self introduction of attendees.

**III. Agenda Changes:**

Item F *Supreme Court Cases* was added under Agenda Item IV *Announcements*

**IV. Review of Minutes: January 26, 2006**

Under agenda item XI - Open Discussion the minutes reflected that Jason Uhley stated that the wet weather season for MS4 Permittees in the Santa Ana Region is October 1<sup>st</sup> through 31<sup>st</sup>. For clarification purposes, Jason was referring to May 31<sup>st</sup>.

**Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 06-05 through 06-08
- CRWQCB Santa Ana Region Order No. R8-2003-0061 NPDES NO. CAG998001 – General Waste Discharge Requirements for Discharges to Surface Waters that Pose an Insignificant (De Minimus) Threat to Water Quality
- CRWQCB Santa Ana Region Fact Sheet dated August 23, 2003 Re: General Waste Discharge Requirements for Discharges to Surface Waters that Pose an Insignificant (De Minimus) Threat to Water Quality
- Agenda for Hasan Nouri's presentation February 23, 2006
- Accomplishment Highlights of Hasan Nouri
- Hardcopy of Hasan Nouri presentation
- NPDES Stormwater Quality Training Registration Forms for Construction Site Activities, Industrial/Commercial Facility Inspections, Municipal Facilities & Activities, and Water Quality Management Plan

**V. Announcements**

- A. *Hydromodification Presentation*** – Jason Uhley announced that Hasan Nouri's presentation on Integrated Management of Stormwater, Sediment, and Pollutants would follow the February 23, 2006 TAC meeting.
- B. *February MSC Meeting*** – Jason provided a brief summary of the February 16, 2006 Management Steering Committee (MSC) Meeting. The focus of the meeting was the San Jacinto/Lake Elsinore/Canyon Lake TMDL. Both the draft Implementation Agreement and Cost Sharing information associated with the TMDL was presented to City Managers who were in attendance. Jason also noted that the Monitoring Plan submitted to the Regional Board by LESJWA on behalf of Permittees was reviewed and a response letter indicating that participants of the TMDL Task Force needed to be identified in the document was returned to LESJWA. The Regional Board asked that each city confer with Mark via regular mail or email indicating their participation in the Task Force by February 16, 2006. Jason confirmed that all cities submitted their letters to Mark on time and it was his understanding that the California Department of Fish and Game, March Air Reserve Base, and the Forest Service had not at that time agreed to participate in the Task Force. The Santa Ana Regional Board is scheduled to hold a workshop on March 3, 2006 to approve the revised draft Monitoring Plan.

- C. *Tom Rheiner will be on vacation through March 6, 2006, please call Jason (955.1273) w/questions*** - Permittees were informed that Tom Rheiner and Tina Tuason were currently on vacation and any questions Permittees may have for the two should be directed to Jason.
- D. *Stormwater Treatment Course by Gary Minton, March 13<sup>th</sup> & 14<sup>th</sup>, 2006*** - Jason reminded the group that Gary Minton would be conducting a two-day course on stormwater BMP design on the above dates in Orange County, CA. For more information please see the flyer distributed at the January 26, 2006 TAC meeting or log onto <http://www.stormwaterbook.com/short-course.html>.
- E. *Numeric Effluent Limits Update*** – Jason advised attendees that a panel of experts were scheduled to prepare a whitepaper on numeric effluent limits. Jason noted that the Panel is waiting for CASQA to make a proposal. A meeting was held last week with several members of CASQA to make recommendations for a proposal on how to address the different stormwater permits. Jason went on to discuss the MS4 NPDES Permit, environmental issues, monitoring data, wet and dry weather conditions, fixed numbers being placed on stormwater discharges, the feasibility of numeric effluent limits, and other issues being argued by CASQA.
- F. *Supreme Court Cases*** - Jason briefly discussed with the group two cases that are currently before the Supreme Court. These cases involve the scope of the Clean Water Act. The cases are reviewing the limitations of the definition of “waters of the US” and the meaning of the words “navigable waters” within that definition. Both cases involve violations of Section 404 due to fill of wetlands.

**VI. Public Education Program 2005 Sub-Committee Meeting Report – Jason Upley**

- A. *Events*** – A brief update on the efforts of the Public Education department was provided to attendees. Jason reported that the Riverside County Date Festival would be held February 17<sup>th</sup> -26<sup>th</sup>, 2006, the Santa Ana Watershed Clean Up event was being formed, and the District would be participating in the Corona/Norco Water Festival.
- B. *Surveys*** – Jason reported to the group that Florence Mowrer of the Public Education department informed him that the surveys (Think You Know About Storm Drains Pollution Prevention?) were being used at the events.
- C. *Miscellaneous***- Jason discussed upcoming NPDES training classes scheduled for March 20<sup>th</sup> 22<sup>nd</sup>, 29<sup>th</sup>, and 30<sup>th</sup>, of 2006. He asked that Permittees see Page 3 of the January 2006 meeting minutes for training dates and times. Spring 2006 training registration forms were made available to attendees during the meeting and were also sent via email to all Permittees and interested parties. Jason added that training is required each fiscal year and that Permittees need to assure that their staff receives appropriate training. To assist Permittees in their efforts to comply with training requirements the District provides training twice per year for Construction Site Inspections, Municipal Facilities, Industrial/Commercial Activities, and Water Quality Management Plan (WQMP). Aldo Licitra asked if any of the Spring training classes would be offered in any area other than the Riverside area. Jason informed him that all Spring training classes would be held at the District however, classes will be offered in other areas of the County in the Fall of 2006. Keith Elliott asked if the training classes were open to outside construction employees or if they were strictly for regulatory staff. Jason informed him that training

classes are primarily limited to Permittee municipal and regulatory staff. Should there be space available once these persons have had the opportunity to register, outside persons may then register. Jason then informed him that Building Industry Association (BIA) would be conducting Annual Construction Inspection training March 22, 2006 and would forward Keith the information regarding the training.

The Public Education department received several new scents of air fresheners. Samples of the air fresheners were made available during the meeting for attendees.

**VIII. TMDL Progress Report – Jason Uhley**

- A. *Lake Elsinore/Canyon Lake Nutrient (San Jacinto) TMDL*** – Jason updated Permittees on the efforts of this TMDL informing attendees that LESJWA completed and submitted the draft Monitoring Plan on behalf of Permittees in December 2005 (See agenda item V-B, February MSC Meeting for more discussion on this issue). A brief discussion regarding the Implementation Agreement and cost sharing allocations ensued among the group. Jason informed Permittees that he was putting together a subcommittee that included EVMWD, the District, and the City of Lake Elsinore to redraft the Implementation Agreement. Release of the agreement is scheduled for the week of February 27, 2006 and will be available for Permittees to review and provide to their city's legal counsel for review. Based on their comments, the agreement will then be submitted to the Regional Boards by June 2006.
- B. *Middle Santa Ana River Bacteria Indicator TMDL*** – Jason advised the group that there was a meeting held February 21, 2006 to discuss this TMDL. The TMDL is due to be approved in July or August 2006. He added that grant applications have been submitted to assist in the monitoring costs associated with the TMDL. Jason then discussed the needed cost sharing plan, the Cooperative Agreement, and the need for the Task Force to implement the TMDL.
- C. *Canyon Lake Bacteria Indicator TMDL Update*** – There was no update provided on this TMDL. Permittees will be kept informed on future information surrounding this TMDL.

**IX. Santa Ana/Santa Margarita Region Programs – Jason Uhley**

- A. *De Minimus Discharge Permit Update*** – Jason led the group into discussion on the De Minimus Discharge Permit distributed to attendees at the February 23, 2006 TAC meeting. Jason discussed activities that are affected by the permit, cost associated with the permit, and requirements of monitoring. Jason noted that the City of Corona has a De Minimus Discharge Permit and asked Michele Colbert if she could discuss with Permittees how the City of Corona handles their De Minimus Discharge Permit in regards to monitoring. Michele provided brief comments on the handling of the permit and added that Julio Lara of the Regional Board assists the city in the submittal of their monthly reports. Jason advised the group that he would invite Julio, Rudy Findel, or Jun Martinez (Santa Ana Regional Board) to a future TAC meeting to explain De Minimus Discharge Permit requirements to Permittees. Jason then stated that he recently found out that there is also a De Minimus Discharge Permit for the Santa Margarita Region and will be making efforts to find out if there is a De Minimus Discharge Permit for the Colorado River Region. James Grimm inquired if the De Minimus Discharge Permit was part of the NPDES Permit which Jason informed him that it was a separate permit and applies to non stormwater discharges in the Santa Ana Region. He then stated that Permittees would likely need to form a sub-committee to develop and implement procedures to effectively

deal with the intent of the De Minimus Discharge Permit. Phoung Hunter provided brief comments on her knowledge and experience of dealing with the De Minimus Discharge Permit. There was no further discussion on this item.

**X. Open Discussion**

**A. *San Diego RWQCB*** – Not present

**B. *Santa Ana Regional Board*** – The monitoring plan was received by the Regional Board.

**C. *U.S. EPA – Region IX*** – Not present

**D. *Round Table*** – Michele Colbert asked if Permittees were still going to receive the Compliance Assistance Program (CAP) Inspections. Jason informed her that Permittees would be receiving less inspections due to current formal and informal inspection changes. The Hazmat Inspections will continue to be conducted and Permittees will continue to be receiving those as usual. Jason briefly discussed the status of the CAP and possible changes to the CAP Program. He added that he would update Permittees with the CAP Program status after it has gone before the County Board of Supervisors. Alex Gann informed Permittees that the item will go before the Board of Supervisors on March 14, 2006. Lastly, Jason informed attendees that the March 23, 2006 TAC Meeting is cancelled due to the March 23<sup>rd</sup> TMDL Task Force Meeting at EVMWD.

**XI. Integrated Management of Stormwater, Sediment and Pollutants – Hasan Nouri**

Hasan Nouri conducted his presentation on Integrated Management of Stormwater, Sediment and Pollutants. Handouts of the presentation were provided to attendees.

**XII. New Agenda Items / Schedule Next Meeting**

If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

Please visit the StormWater/CleanWater Protection Program website at:

<http://www.floodcontrol.co.riverside.ca.us>. The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY April 27, 2006 – 10 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL DISTRICT**

**1995 Market Street**

**Riverside, CA 92501**

P8/105684

**MEETING AGENDA**

**NPDES  
SANTA ANA / SANTA MARGARITA  
TECHNICAL COMMITTEE**

**10:00 – 12:30 p.m. Thursday, May 25, 2006  
Riverside County Flood Control District  
1995 Market Street  
Riverside, CA 92501**

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: April 27, 2006
- IV. Announcements
  - A. CASQA Meeting Update
  - B. May 18, 2006 MSC Meeting – Cancelled
  - C. Numeric Effluent Limits
- V. Public Education Program – Florence Mowrer
- VI. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update
  - B. Middle Santa Ana River Bacteria Indicator TMDL Update
- VII. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner
  - A. Stormwater Quality Standards Task Force Update
- VIII. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
  - D. Round Table
- IX. New Agenda Items/Schedule Next Meeting – June 22, 2006
- X. Structural BMPs Presentation - John Santos, CDS Technologies, Inc.



# Storm Water Clean Water PROTECTION PROGRAM

*NPDES  
SANTA ANA / SANTA MARGARITA  
TECHNICAL COMMITTEE  
Meeting Minutes  
for  
April 27, 2006*

Member  
Agencies:

Banning  
Beaumont  
Calimesa  
Canyon Lake  
Cathedral City  
Coachella  
Coachella Valley  
Water District  
Corona  
County of Riverside  
Desert Hot Springs  
Hemet  
Indian Wells  
Indio  
La Quinta  
Lake Elsinore  
Moreno Valley  
Murrieta  
Norco  
Palm Desert  
Palm Springs  
Perris  
Rancho Mirage  
Riverside City  
Riverside County  
Flood Control  
District  
San Jacinto  
Temecula

***I. Attendees:***

Linda Garcia	Riverside County Flood Control District
Florence Mowrer	Riverside County Flood Control District
Penny Nanney	Riverside County Flood Control District
Tina Tuason	Riverside County Flood Control District
Jason Uhley	Riverside County Flood Control District
Charlene Warren	Riverside County Flood Control District
Alex Gann	Riverside County Executive Office
Marianna Hernandez	Riverside County Transportation
Claudia Perez	Riverside County Transportation
Keith Elliott	Santa Ana Regional Board
Adam Fischer	Santa Ana Regional Board
Milasol Gaslan	Santa Ana Regional Board
Maria Macario	Santa Ana Regional Board
Michael Roth	Santa Ana Regional Board
Bob French	City of Calimesa
Mike McCabe	City of Calimesa
James Grimm	City of Canyon Lake
Michele Colbert	City of Corona
Jeff Potts	City of Corona
Linda Nixon	City of Hemet
Alex Gutierrez	City of Lake Elsinore
Phuong Hunter	City of Moreno Valley
Kent Wegelin	City of Moreno Valley
Farida Naceem	City of Murrieta
Lori Askew	City of Norco
Michael Morales	City of Perris
Jessica Chin	City of Riverside
Nicole Greene	City of Riverside
Mike Yasmer	City of Riverside
Aldo Licitra	City of Temecula
Will Harris	Contech
Robert Collacott	URS Consulting
Del Ross	EMD/RCD
Bill Flores	HDR
Rosanna Lacarra	PBS&J
Steve Butkus	Weston Solutions
Jeff Brandt	DFG

**II. Introductions**

Jason Uhley welcomed everyone to the meeting and initiated the self introduction of attendees.

**III. Agenda Changes:**

Items F, G, H, and I were added to the agenda.

**IV. Review of Minutes: February 23, 2006**

Minutes were approved. Mike Roth asked Jason Uhley to summarize the presentation provided by Hasan Nouri at the February 23, 2006 NPDES TAC Meeting. Jason briefly discussed the points of the presentation and stated that he would forward Mike the powerpoint presentation Mr. Nouri provided during the meeting.

**Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 06-09 through 06-15
- Phase II Storm Water Regulation and Compliance in California seminar brochure
- Department of Fish and Game application/information package Re: Lake and Streambed Alteration Program
- Department of Fish and Game Re: Fish and Game Code Section 1610 "Emergency Exemption"

**V. Announcements**

- A. *Numeric Effluent Limits Update*** – Attendees were provided an update on this item in which Jason discussed the affects of numeric effluent limits associated with Industrial Permits and the efforts of the panel of experts hired by the Regional Board to prepare a whitepaper on numeric effluent limits. The Panel is waiting for CASQA to make a proposal. CASQA members held a meeting in April 2006 to make recommendations for a proposal on how to address the different stormwater permits. Jason added that though there was not a lot of information to report on regarding this item, Permittees would be kept informed of any new information.
- B. *CASQA Meeting Update*** – Jason announced that CASQA will be holding their quarterly meeting May 12, 2006 in San Jose, CA. The primary topic of the meeting will be monitoring. Linda Garcia who serves as Monitoring Chair for CASQA stated that current recruiting efforts were being made for speakers for the meeting and looks to be a very productive meeting. Jason added that Steve Stump of the District serves as Treasurer of CASQA and that he himself serves as Legislative Chair and are actively involved in the organization.
- C. *DEH Surveys*** – Jason informed Permittees that the Department of Enviromental Health (DEH) Surveys for Illicit Connection/Illegal Discharge (IC/ID) are being mailed to the individual cities and apologized for any delays. He added that IC/ID complaint calls were growing as the public has become more familiar with water quality issues and that District staff has begun to respond to these calls. Survey forms are now being mailed out to the individual cities by Charlene Warren. Jason asked that Charlene email Permittees the contact list being used to mail out the surveys. Charlene informed the group that the Santa Ana/Santa Margarita contact roster was the list being used. This contact roster is emailed to Permittees each month prior to the meetings along with the agenda and minutes. Jason asked that Permittees review the roster to ensure their contact information was correct. If there are any concerns regarding the survey forms, please contact Jason.

- D. *MSC Meeting, May 18, 2006*** – The primary focus of this meeting will be the Lake Elsinore TMDL Implementation Agreement. Jason informed the group that the meeting may be postponed to assure that City Managers have the opportunity to address any questions and concerns they may have about the TMDL. He stated that Permittees should have received a draft copy of the Implementation Agreement. He then advised them that they should also forward the document to their legal counsel for review. Permittee comments on the Draft Implementation Agreement should be submitted to Jason by April 28, 2006.
- E. *USSO (Unified Sanitary Sewer Overflow) Update*** – Jason informed Permittees that the USSO contact list had been updated and will be forwarded to the appropriate Permittees once Tom Rheiner returned to the office.
- F. *Annual Report Update*** – The 2005 Santa Ana Annual Report was available and distributed at the meeting to Permittees who were present via compact disc (CD).
- G. *City of Beaumont's NOV*** – Jason briefly discussed the Notice of Violation (NOV) issued to the City of Beaumont and stated that Permittees needed to make certain that their programs are being implemented in efforts to refrain from receiving any future NOV's. Jason also mentioned the fact that Permittees must be diligent in completing their annual reporting information and when submitting information in both electronic and hard copy to also make sure that that same information is readily available in their city's appropriate department.
- H. *Bill Flores Introduction*** – Bill introduced himself to the group as the President of the San Bernardino and Riverside County branch of ASCE who is currently forming a Stormwater Management Committee to address all topics of conveyance and quality. The meetings will be held during the lunch hour and will be open for members and non-members. He is looking to begin meeting near the Fall and will keep the NPDES SA/SM TAC members up to date with the progress of the committee. Bill added that the committee welcomes topic suggestions to be discussed during the meetings. Jason stated that he would meet with Bill to further discuss the details of the committee.
- I. *Rosanna Lacarra*** – Rosanna informed attendees that PBS&J is putting together a lunch and learn series of meetings to discuss TMDLs, the new recently released MS4 Permit in the San Diego Region, and other topics of interest. These meetings will be conducted through video conferencing and are scheduled to start in mid/end May and will run through August 2006 to provide more basic TMDL information to clients. Rosanna is currently the Stormwater Manager for the City of Del Mar and also represents the MS4 Permit in San Diego. Jason asked Rosanna what information she could provide regarding the MS4 Permit. She informed him that there was a public workshop held on April 26, 2006 regarding the Permit and discussed some of the details of the meeting and concerns addressed by Permittees. Permittee concerns included hydromodification plan, new SUSMP requirements, tracking and reporting, and several others. More information will be provided when available.

**VI. Public Education Program 2006 Sub-Committee Meeting Report – Florence Mowrer**  
Florence Mowrer provided an update on the efforts of the Public Education Department. Items of discussion included:

- Release of the Earth Day flyer via the Pennysaver magazine
- Household Hazardous Waste schedule
- Working with Supervisor Ashley's office for trash workshop events
- Preparation of the 2007 calendar (ideas are welcome)
- Review of all Permits to assure that Public Education efforts are in compliance
- Website malfunctions to be fixed by District IT Department
- Materials for school and summer events

There were no questions from Permittees relating to the Public Education information provided by Florence.

**VIII. TMDL Progress Report – Jason Uhley**

**A. *Lake Elsinore/Canyon Lake Nutrient TMDL Update*** – Jason discussed the Draft Implementation Agreement earlier in the meeting. Please see agenda item V (D). A final version of the document will be released at the next TMDL meeting, May 17, 2006. To date, no comments have been received on the Implementation Agreement. Jason advised Permittees that the District had recently entered into an agreement with Lake Elsinore San Jacinto Watershed Authority (LESJWA) to fund part of Tim Moore's services for the TMDL. Tim will be the TMDL Facilitator and will be guiding the workgroup efforts for Permittees. There were no questions from Permittees.

**B. *Middle Santa Ana River Bacteria Indicator TMDL Update*** – This TMDL was approved by the Regional Board July 2005. Due to a hold up at the State Board level, the schedule will be slightly delayed. Jason noted that he has met with the County of San Bernardino and will begin to move forward on implementing portions of the TMDL that affect the MS4 program. He added that he will keep Permittees posted on the progress of the TMDL. There were no questions from Permittees.

**IX. Santa Ana/Santa Margarita Region Programs – Jason Uhley**

**A. *De Minimus Discharge Permit Update*** – Jason briefly discussed issues relating to the De Minimus Discharge Permit. Jason informed the group that he met with Jun Martirez of the Regional Board, who administers the De Minimus Discharge Permit for the Santa Ana Region. They discussed the permit and the current development of a template monitoring report and application package that will be applicable to the permit. Jason noted that District staff is currently working on a draft of the monitoring program and compliance documentation so that cities can more easily comply with the permit. When the draft is complete Jason will arrange to meet with Jun to review the document and once approved it will then be forwarded to Permittees. Fees are associated with the permit and will cover all activities that fall under the permit.

**B. *County Post-Construction BMP Handbook and Maintenance Program Update*** – Jason provided an update on the activities of the County relating to the Post Construction BMP Handbook and Maintenance Program. He explained that the County is seeking to develop other maintenance mechanisms for most forms of post construction BMPs, to develop a hierarchy that will focus on landscape BMPs, and to develop a revised design guidance to ensure there is standardization of the BMPs. A presentation was given to the Board of Supervisors in April 2006. During the meeting Permittees were presented with the same presentation resulting in a lengthy discussion among the group. Keith Elliott, Phuong Hunter, Michael Morales, Aldo Licitra, Milasol Gaslan, Rosanna Lacarra, Michele

Colbert, and Will Harris posed questions and comments regarding mechanical treatment, proprietary mechanical filters, the similarities of the WQMP standards and post construction BMPs, the City of Temecula's incorporation of swales, infiltration requirements, proprietary mechanical filters, shallow waters and vector control, and groundwater quality.

**X. Open Discussion**

- A. *Santa Ana Regional Board*** - Regional Board staff informed the group that they were currently busy with the preparation of audits, the evaluation the San Bernardino's permit renewal, and trying to find more effective ways to implement low impact development concepts.
- B. *San Diego RWQCB*** – Not present
- C. *U.S. EPA – Region IX*** – Not present
- D. *Round Table*** – An unidentified gentlemen stated that he had missed several past meetings and wanted to know if there were any updates on the San Jacinto Construction Permit. Jason informed him that the Permit had been rescinded as of January 2006 based on the implementation of the Water Quality Management Plan (WQMP). Aldo inquired about the General Construction and State Industrial Permit. Jason stated that he did not have any specific details on the status of the permit and asked Milasol if she had any new information to report on the permits. Milasol added that she did not have any new information besides the fact that in early summer or late spring a draft of the permits will be issued. Tina Tuason stated that the Drainage Area Management Plan (DAMP) and Pollution Prevention Plan (PPP) were being updated.

**XII. New Agenda Items / Schedule Next Meeting**

The next NPDES TAC Meeting is scheduled for May 25, 2006. If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

**XIII. DFG Streambed Alteration Agreements – Jeff Brandt**

Jeff Brandt of the Department of Fish and Game provided attendees with a presentation on DFG Streambed Alteration Agreements. Two documents were distributed to attendees (Lake and Streambed Alteration Agreement Process and Emergency Conditions and Guidelines).

Please visit the StormWater/CleanWater Protection Program website at:

<http://www.floodcontrol.co.riverside.ca.us>. The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY May 25, 2006 – 10 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL DISTRICT**

**1995 Market Street**

**Riverside, CA 92501**

## MEETING AGENDA

### NPDES SANTA ANA / SANTA MARGARITA TECHNICAL COMMITTEE

10:00 – 12:30 p.m. Thursday, June 22, 2006  
Riverside County Flood Control District  
1995 Market Street  
Riverside, CA 92501

- I. Introductions
- II. Agenda Changes
- III. Review of Minutes: May 25, 2006
- IV. Announcements
  - A. CASQA Meeting Update - Sept 25-27 Conference, Workshop, Awards (Sacramento Radisson Hotel)
  - B. Next MSC Meetings – Sept 21, Nov 16, 2006
  - C. June 21, 2006 WQMP training - Murrieta
- V. Public Education Program – Florence Mowrer
- VI. TMDL Progress Report – Jason Uhley
  - A. Lake Elsinore/Canyon Lake Nutrient TMDL Update
  - B. Middle Santa Ana River Bacteria Indicator TMDL Update
  - C. San Diego Lagoons TMDL/Investigation Order
- VII. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner
  - A. Stormwater Quality Standards Task Force Update
- VIII. Open Discussion
  - A. Santa Ana RWQCB
  - B. San Diego RWQCB
  - C. U.S. EPA – Region IX
  - D. Round Table
- IX. New Agenda Items/Schedule Next Meeting – July 27, 2006
- X. Contech Stormwater Solutions Presentation- Vaikko Allen



# Storm Water Clean Water PROTECTION PROGRAM

*NPDES  
SANTA ANA / SANTA MARGARITA  
TECHNICAL COMMITTEE  
Meeting Minutes  
for  
May 25, 2006*

Member Agencies:

- Banning
- Beaumont
- Calimesa
- Canyon Lake
- Cathedral City
- Coachella
- Coachella Valley Water District
- Corona
- County of Riverside
- Desert Hot Springs
- Hemet
- Indian Wells
- Indio
- La Quinta
- Lake Elsinore
- Moreno Valley
- Murrieta
- Norco
- Palm Desert
- Palm Springs
- Perris
- Rancho Mirage
- Riverside City
- Riverside County Flood Control District
- San Jacinto
- Temecula

**I. Attendees:**

- |                    |   |
|--------------------|---|
| Florence Mowrer    | Riverside County Flood Control District |
| Penny Nanney       | Riverside County Flood Control District |
| Tom Rheiner        | Riverside County Flood Control District |
| Tina Tuason        | Riverside County Flood Control District |
| Jason Uhley        | Riverside County Flood Control District |
| Charlene Warren    | Riverside County Flood Control District |
| Alex Gann          | Riverside County Executive Office       |
| Doug Thompson      | Riverside County Environmental Health   |
| Marianna Hernandez | Riverside County Transportation         |
| Claudia Perez      | Riverside County Transportation         |
| Keith Elliott      | Santa Ana Regional Board                |
| Maria Macario      | Santa Ana Regional Board                |
| Michael Roth       | Santa Ana Regional Board                |
| John Wilder        | City Beaumont                           |
| Michele Colbert    | City of Corona                          |
| Yolanda Macaladad  | City of Corona                          |
| Linda Nixon        | City of Hemet                           |
| Phuong Hunter      | City of Moreno Valley                   |
| Kent Wegelin       | City of Moreno Valley                   |
| Farida Naceem      | City of Murrieta                        |
| Lori Askew         | City of Norco                           |
| Tim Hults          | City of Temecula                        |
| Aldo Licitra       | City of Temecula                        |
| Hal Schillinger    | Kristar                                 |
| Vakko Allen        | Contech Stormwater Solutions            |
| Gretel Roberts     | PBS&J                                   |
| John Santos        | CDS Technologies                        |

**II. Introductions**

Jason Uhley welcomed everyone to the meeting and initiated the self introduction of attendees.

**III. Agenda Changes**

Under agenda item V – Announcements, Jason deleted item C – Numeric Effluent Limits and added San Diego County Permit Update and item D – PBSJ, Lunch and Learn sessions.

**IV. Review of Minutes: April 27, 2006**

Minutes were approved.

**Handouts and Materials Provided:**

- Agenda, Minutes, Roster
- Caltrans Water Quality Newsflash 06-16 through 06-19
- TMDL Powerpoint Slides -- Tom Rheiner
- Public Education Information Report -- May 25, 2006
- Example photo of Public Education department gazebo
- Example photo of possible pictures to be used for the gazebo
- CDM – Potential Basin Plan Amendments
- CDM - Use Attainability Analysis Work Plan Concept and Draft Outline

**V. Announcements**

- A. *CASQA Meeting Update*** – Linda Garcia provided brief comments on the May 12, 2006 CASQA meeting held in San Jose, CA. Topics of the meeting included the model monitoring program set up by the stormwater monitoring coalition, panel discussion on usefulness of monitoring to the MS4 program, and other monitoring related issues.
- B. *May 18, 2006 MSC Meeting ~ Cancelled*** - Jason Uhley informed Permittees that the MSC Meeting scheduled for May 18, 2006 was cancelled. City Managers will be provided an email, updating them on current activities the first week of June.
- C. *San Diego County Permit Update*** – Jason briefed Permittees on the efforts and actions of the of the San Diego County Permit currently up for adoption. A workshop was held May 24<sup>th</sup>, at the San Diego Regional Board to discuss the draft permit and language changes the Regional Board is looking for. A public hearing is scheduled for June 21<sup>st</sup> to adopt the Permit.
- D. *PBS&J*** – Gretel Roberts discussed with attendees the efforts of PBS&J who are currently putting together a lunch and learn series of meetings to discuss TMDLs, the new MS4 Permit in the San Diego Region, and other topics of interest. Gretel asked Permittees their thoughts on the two options of delivering the lunch and learn sessions which included, web ex conference call setup and roadshow format. Several Permittees shared their thoughts, noting that most would prefer a more personal type of learning session where they are in the presence of the speakers.

**VI. Public Education Program: 2006 Sub-Committee Meeting Report – Florence Mowrer**

Florence Mowrer provided an update on the efforts of the Public Education Department. Items of discussion included:

- 800# update
- Outreach responsibilities

- Review of Contracts
- California School for the Deaf – Students of the California School for the Deaf assist the District's public Education department in putting together public education materials and bags. The current group of students last day is May 25, 2006.
- Budgeting of 2007 Calendars – Flo proposed an offer to Permittees to purchase a page in the annual environmental calendar to represent their individual city's for approximately \$1,800. The cost will be used to assist in the production of the calendars and is available to Permittees only. Flo along with several Permittees engaged in a brief discussion regarding the details of the calendars.
- Public Education Gazebo – Example pictures of the gazebo to be used for public education events were provided to Permittees. Flo discussed with Permittees the different types of graphics she had in mind to be placed on the gazebo and asked Permittees for their comments and thoughts on the design of the gazebo. Phuong Hunter shared her thoughts with the group. Jason added that a sub-committee may need to be formed to further discuss the final design of the gazebo.

**VIII. TMDL Progress Report – Jason Uhley**

- A. Lake Elsinore/Canyon Lake Nutrient TMDL Update** – The TMDL workgroup met May 17<sup>th</sup> where the draft Implementation Agreement was circulated to stakeholders for review. Jason informed Permittees that Caltrans has accepted the language of the agreement and is awaiting acceptance from several other agencies. A final draft of the agreement will be released May 26, 2006 and comments are asked to be forwarded to Jason within 2 weeks. Jason noted that it is his hope that the TMDL will be approved by the next TMDL Task Force meeting scheduled for June 13<sup>th</sup>.
- B. Middle Santa Ana River Bacteria Indicator TMDL Update** – This TMDL was adopted at the August 26<sup>th</sup> Regional Board meeting and approved by State Board in May 2006. It is now awaiting approval by EPA. Jason explained to Permittees that once the TMDL is approved, there are task deadlines that will need to be met. He noted that a draft of the Implementation Agreement is available and went on to discuss monitoring, cost share, grants, and other related issues surrounding the TMDL.

**IX. Santa Ana/Santa Margarita Region Programs – Tina Tuason/Tom Rheiner**

- A. Stormwater Quality Standards Task Force Update** – Tom Rheiner briefed Permittees on the issues relating to the Stormwater Standards Task Force. The group met April 20<sup>th</sup> and May 18<sup>th</sup>. Future meetings will be coupled with the Middle Santa Ana Region Pathogen TMLL workgroup. Tom noted that the Phase III kick-off is scheduled for August 2006, and went on to discuss recommended objectives, beneficial uses, the stakeholder group, basin plan amendments, and Rec 1 and Rec 2 uses. Please see Powerpoint handouts for more information on these items.

**X. Open Discussion**

- A. Santa Ana Regional Board** -
- B. San Diego RWQCB** – Not present
- C. U.S. EPA – Region IX** – Not present
- C. Round Table** – The City of Murrieta will be hosting an annual National Pollutant Discharge Elimination System (NPDES) Water Quality Management (WQMP) training on June 21<sup>st</sup> at Murrieta's City Hall. This training is the same training provided by the District each Spring and Fall and will not cost municipalities who wish to attend. Private

industry attendees will be charged a fee for the training. Flyers will be emailed to Permittees with more information.

***XII. New Agenda Items / Schedule Next Meeting***

The next NPDES TAC Meeting is scheduled for June 22, 2006. If there are any questions or items for the next meeting agenda, please contact the Flood Control District's NPDES Section at 951.955.4375. Suggestions are always welcome.

***XIII. Structural BMPs Presentation – John Santos, CDS Technologies, Inc.***

John Santos of CDS Technologies conducted a presentation on structural BMPs.

Please visit the StormWater/CleanWater Protection Program website at:  
<http://www.floodcontrol.co.riverside.ca.us>. The site contains a variety of useful stormwater program information including links to other stormwater management programs and related websites.

**NEXT MEETING IS SET FOR:**

**THURSDAY June 22, 2006 – 10 A.M.**

**AT**

**RIVERSIDE COUNTY FLOOD CONTROL DISTRICT**

**1995 Market Street**

**Riverside, CA 92501**

**SANTA ANA/SANTA MARGARITA  
MANAGEMENT STEERING  
COMMITTEE**

RIVERSIDE COUNTY STORMWATER MANGEMENT PROGRAM  
MANAGEMENT STEERING COMMITTEE  
SANTA ANA & SANTA MARGARITA REGIONS

**MEETING AGENDA**

*(Lunch Served)*

12:00 – 1:00 p.m. November 17, 2005

Room C/D

*Riverside County Administrative Office, Fourth Floor  
4080 Lemon Street, Riverside, CA 92501*

1. Welcome and Self Introduction – Dusty Williams, RCFC&WCD
2. Approval of September 15, 2005 Meeting Notes and Review November 17, 2005 Agenda – Dusty Williams, RCFC&WCD
3. Santa Ana/Santa Margarita Program Status – Jason Uhley
  - Annual Reports
  - Regional Board Workshops
4. TMDL Development - Jason Uhley
  - Lake Elsinore and Canyon Lake Nutrient TMDL – Mark Norton (SAWPA)
  - Middle Santa Ana River Watershed Bacteria Indicator TMDL
5. Next Meeting Date – February 17, 2006

P8/103276

**RIVERSIDE COUNTY STORMWATER MANAGEMENT PROGRAM  
MANAGEMENT STEERING COMMITTEE  
SANTA ANA/SANTA MARGARITA REGIONS**

**MEETING MINUTES  
for  
September 15, 2005**

**I. Attendees:**

Tom Rheiner	RCFC & WCD
Jason Uhley	RCFC & WCD
Charlene Warren	RCFC & WCD
Dusty Williams	RCFC & WCD
Alex Gann	Riverside County Executive Office
Marianna Hernandez	Riverside County Transportation
Bernard Strojny	City of Canyon Lake
Asad Korgan	City of Corona
Trent Pulliam	City of Moreno Valley
Farida Naceem	City of Moreno Valley
Tom Boyd	City of Riverside
Lou Pizatella	City of Riverside
Barry McClellan	City of San Jacinto
Steve Dondalski	City of Riverside

**II. Welcome and Self Introductions – Dusty Williams**

Dusty Williams welcomed attendees to the Management Steering Committee meeting and initiated self-introductions.

**III. Approval of February 17, 2005 Meeting Minutes and Review Agenda – Dusty Williams**

Tom Boyd of the City of Riverside was present at the February 17<sup>th</sup> MSC meeting. It was noted in the February 17<sup>th</sup> minutes that Mike Beck had attended rather than Tom. Corrections made.

**Handouts Provided:**

- Agenda for September 15, 2005
- NPDES Management Steering Committee meeting purpose notice
- Minutes for May 19, 2005
- Draft copy of CASQA Conference Agenda
- Urban Runoff Management Plan

**IV. Santa Ana/Santa Margarita DAMP Status – Jason Uhley**

Jason informed City Managers of the submittal of the DAMP to both the San Diego and Santa Ana Regional Boards on July 14, 2005. There had been no formal response from the Santa Ana Board, however Jason believes that the Santa Ana Board is satisfied with the revisions to the DAMP. The San Diego Board, however, was intending to submit a comment letter requiring some revision to the DAMP. Based on preliminary conversations with the San Diego Board staff, Jason believed that the revisions were relatively easy to address and would not have significant ramifications for the Permittees in the Santa Margarita Region.

V. **TMDL Development – Jason Uhley**

Jason discussed TMDL development issues of the Lake Elsinore/Canyon Lake Nutrient TMDL, Canyon Lake Bacteria Indicator TMDL, and the Middle Santa Ana River Bacteria Indicator TMDL.

- **Lake Elsinore/Canyon Lake Nutrient TMDL**

EPA is scheduled to approve this TMDL in October. The TMDL will then become effective. Approval of the TMDL initiates compliance clocks requiring several special studies and implementation programs to be implemented over the course of the next several years. Specifically, a nutrient monitoring program must be proposed and implemented by December 31, 2005 and several other special studies must be completed by August 2006. Stakeholders responsible for completion of these studies include the MS4 Permittees, CalTrans, US Fish and Wildlife, Agricultural Operators, CAFOs, EVMWD and potentially EMWD, among others. Additional tasks are also assigned to certain individual stakeholders. Stakeholders, including municipal Permittees, have been working with a stakeholder group led by SAWPA to formulate a cooperative stakeholder agreement and cost sharing methodology to ensure that TMDL Implementation Plan programs required of multiple stakeholders are implemented. Jason noted that the implementation costs are estimated at \$1,000,000 per year. He then discussed the complexity of defining reasonable cost sharing allocations related to the joint TMDL requirements. A brief discussion ensued among the group relating to these issues and requirements of the TMDL. To reduce the costs, District staff has applied for a Prop 50 grant application in efforts to obtain additional funding.

- **Canyon Lake Bacteria Indicator TMDL**

This TMDL is due to be adopted in the latter part of 2005. The Regional Board has not provided any indication of when the draft TMDL Staff Report and Basin Plan Amendments would be available for review.

- **Middle Santa Ana River Bacteria Indicator TMDL**

This TMDL was approved by the Santa Ana Regional Board in September 2005. It will take up to another year for the TMDL to be reviewed by the State Water Resources Control Board, the Office of Administrative Law and the US EPA. Cities affected by this TMDL are Corona, Norco, Riverside, the County of Riverside, and Riverside County Flood Control.

VI. **Urban Runoff Management Plan**

Jason discussed the proposed Urban Runoff Management Plan (URMP) and provided draft copies of the document to City Managers. Although not all aspects of this document are required by the Permit, it provides the municipalities with a comprehensive way to document their processes and procedures for implementing Permit compliance programs. Jason also noted that it helps educate city staff regarding compliance requirements, it can be used as cliff notes to prepare for a Regional Board compliance program audit, and it can be used to assess budgetary needs for compliance programs. Jason asked that the City Managers support their NPDES staff in their efforts to complete the URMP and to also support its continual update as compliance programs evolve. A brief discussion ensued among the group relating to this matter.

***VII. Legislative Update – Jason Uhley***

A legislative update was not provided. However, Jason discussed a recent workshop held by the State Water Resources Control Board to discuss the efficacy of including numeric effluent limits in stormwater permits. Jason indicated that this was a very controversial issue, that involved effectively assigning discharge concentration limits on MS4, Industrial, Construction and CAFO stormwater permits. The numeric effluent limits would effectively treat stormwater permits like POTW discharge permits and would possibly eliminate the Maximum Extent Practicable standard of compliance. The ramifications for MS4 Permit programs are significant. Stormwater discharges are highly variable and subject to significant variation in pollutant concentrations depending on when, where and how long a storm occurs, among other things. In many cases the sources of the pollutants are outside of MS4 Permittees jurisdictions or may be natural sources that have yet to be identified. Jason indicated that the District has been working through CASQA to provide input to the SWRCB on this matter and that the District had submitted a several page comment letter identifying the problems and issues with incorporating numeric effluent limits into stormwater permits.

***VIII. CASQA Conference – Jason Uhley***

Attendees were provided information on the CASQA Conference scheduled for October 3-5, 2005. Jason provided a brief overview of agenda items, speakers, and presentations to be provided at the conference. He recommended that City Managers encourage their staff to attend. Copies of the draft agenda for the conference were provided to attendees.

***IV. New Agenda Items/Schedule Next Meeting***

There were no new agenda items requested for future meetings.

**NEXT MEETING IS SET FOR:  
THURSDAY, November 17, 2005 - 12:00 P.M.  
AT  
RIVERSIDE COUNTY EXECUTIVE OFFICE, FOURTH FLOOR  
4080 Lemon Street, Riverside, CA 92501**

Visit the StormWater/Clean Water Protection Program website at:

<http://www.co.riverside.ca.us/depts/flood/YouCanHelp.asp>.

The Site contains a variety of useful stormwater program information including links to other stormwater management programs and related web sites.

RIVERSIDE COUNTY STORMWATER MANGEMENT PROGRAM  
MANAGEMENT STEERING COMMITTEE  
SANTA ANA & SANTA MARGARITA REGIONS

**MEETING AGENDA**

*(Lunch Served)*

12:00 – 1:00 p.m. February 16, 2006

Room C/D

*Riverside County Administrative Office, Fourth Floor  
4080 Lemon Street, Riverside, CA 92501*

1. Welcome and Self Introduction – Dusty Williams, RCFC&WCD
2. Approval of November 17, 2005 Meeting Notes and Review February 16, 2006 Agenda – Dusty Williams, RCFC&WCD
3. Santa Ana/Santa Margarita Program Status – Jason Uhley
  - Annual Reports
  - Regional Board Workshops
4. TMDL Development - Jason Uhley
  - Lake Elsinore and Canyon Lake Nutrient TMDL – Mark Norton (SAWPA)
  - Middle Santa Ana River Watershed Bacteria Indicator TMDL
5. Next Meeting Date – May 18, 2006

P8/104837

**RIVERSIDE COUNTY STORMWATER MANAGEMENT PROGRAM  
MANAGEMENT STEERING COMMITTEE  
SANTA ANA/SANTA MARGARITA REGIONS**

**MEETING MINUTES  
for  
November 17, 2005**

**I. Attendees:**

Tom Rheiner	RCFC & WCD
Steve Stump	RCFC & WCD
Jason Uhley	RCFC & WCD
Charlene Warren	RCFC & WCD
Alex Gann	Riverside County Executive Office
Kathy Gifford	Riverside County Executive Office
Name Unknown	City of Beaumont
Anne Scheinder	City of Calimesa
Bernard Strojny	City of Canyon Lake
Asad Korgan	City of Corona
Steve Temple	City of Hemet
Lori Moss	City of Murrieta
Jeff Allred	City of Norco
Ahmad Ansari	City of Perris
Tom Boyd	City of Riverside
Tim Hults	City of San Jacinto
Ron Parks	City of Temecula
Phil Rizzo	March JPA
Dan Fairbanks	March JPA
Mark Norton	SAWPA/LESJWA

**II. Welcome and Self Introductions – Jason Uhley**

Jason Uhley welcomed attendees to the Management Steering Committee (MSC) meeting and initiated self-introductions.

**III. Approval of September 15, 2005 Meeting Minutes and Review Agenda – Jason Uhley**  
**Handouts Provided:**

- Agenda for November 17, 2005
- National Pollutant Discharge Elimination System (NPDES) Management Steering Committee Meeting Purpose Notice
- Minutes for September 15, 2005
- Attendance Sheet for FY 2005-2006 NPDES MSC Meetings
- TMDL Task Force Agreement Recommendations for MSC Approval
- Executive Summary - Lake Elsinore/Canyon Lake Total Maximum Daily Load (TMDL)
- Agreement to Form a Task Force to Implement the San Jacinto River Watershed TMDLs
- Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Implementation Schedule and Budget

- CRWQCB-Santa Ana Region, Resolution No. R8-2004-0037, Resolution Amending the Water Quality Control Plan for the Santa Ana River Basin to Incorporate Nutrient Total Maximum Daily Loads (TMDLs) for Lake Elsinore and Canyon Lake.

**IV. Santa Ana/Santa Margarita Program Status – Jason Uhley**

Annual Reports - Both the Santa Ana and Santa Margarita Annual Reports were submitted to the Regional Boards on time.

Regional Board Workshops - The San Diego Regional Board requested the presence of District staff, Orange County, and San Diego County Permittee groups to attend a workshop on November 9, 2005, regarding program financing and to also provide information on how each County finances and reports on their programs. Jason Uhley expressed his thoughts on the reasoning for the workshop, stating that he believed the executive officer wanted to see if there was a way to establish new metrics for financial expenditures so that they can compare programs across the regions or compare jurisdictions directly. Regional Board staff appeared to be interested to determine compliance based not on program effectiveness but whether or not the cities are spending the right amount of dollars per capita. He noted that the Regional Board was looking at was potentially requiring Permittees to establish a dedicated funding mechanism for NPDES compliance. The workshop was rescheduled for February. The three counties are coordinating to respond to this issue.

Jason announced that the San Diego Regional Board has issued the County of Riverside a Notice of Violation (NOV). Kathy Gifford provided some information on the issuance of the NOV and a brief group discussion ensued on this matter. Jason added that the Santa Ana Regional Board has been enforcing against construction sites in the Santa Ana Region and has received expressed concerns from Santa Ana Regional Board staff regarding lack of enforcement of city ordinances. He expressed concerns that some cities may not be enforcing their ordinances as well as others and that the Regional Board may be looking at taking another approach to assure cities are in compliance.

Cooperative Agreement - Jason informed City Managers that Permittees have entered into a new Cooperative Agreement in which Permittees share cost for regional programs. The first invoices for cost sharing were mailed out to the cities in November and the second invoices will go out in January. For more detailed information, please refer to the (Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Implementation Schedule and Budget) handout. This handout was distributed at the November 17, 2005 MSC meeting.

A question was raised regarding a court case (Bob Johnson). Jason stated that he did not have specific details on the matter. He did note that from his understanding, the Regional Board issued the NOV and the Administrative Civil Liability (ACL) on the basis that Mr. Johnson was out of compliance with the General Permit.

**V. TMDL Development – Jason Uhley**

Steve Stump introduced this topic requesting that Jason discuss the Santa Ana River TMDL first in case anyone at the meeting not having an interest in the San Jacinto Watershed could leave early, due to the fact that the remainder of the meeting would be focused on the San Jacinto TMDL.

- **Lake Elsinore/Canyon Lake Nutrient TMDL**

Jason introduced Phil Rizzo of March JPA and Mark Norton, Executive Director of LESJWA and Planning Director of SAWPA, who provided a presentation on the Cooperative Agreement and services being offered by LESJWA on behalf of the TMDL stakeholders. EPA approved this TMDL September 30, 2005. Approval of the TMDL initiates compliance clocks requiring several special studies and implementation programs to be implemented over the course of the next several years. Jason noted that LESJWA has been coordinating with TMDL stakeholders to formulate a cooperative stakeholder agreement and cost sharing methodology to ensure that TMDL Implementation Plan programs required of multiple stakeholders are implemented. Stakeholders include MS4 Permittees, CalTrans, March JPA, Dairy Stakeholders, US Forest Service, Agricultural Operators, CAFOs, EVMWD and potentially EMWD, among others.

During Mark's presentation on the Lake Elsinore/Canyon Lake Nutrient TMDL effort, he discussed LESJWA's involvement in the TMDL and LESJWA's assistance to the Santa Ana Regional Board in the development of the TMDL. Mark will also be providing the presentation to Regional Board staff. Items covered in the presentation included:

- The importance of the TMDL
- Cooperative Agreement
- Processes of waterbodies
- Objectives, targets, and 5-year budget
- Best estimates for monitoring costs conducted by consultant
- Excessive nutrient load
- Nutrient allocation
- Grant pursuits by the Cities

For additional information on this TMDL, please refer to the (Executive Summary - Lake Elsinore/Canyon Lake Total Maximum Daily Load (TMDL) and the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Implementation Schedule and Budget) handouts provided at the November 17, 2005 MSC meeting.

- **Canyon Lake Bacteria Indicator TMDL**

Jason informed the group that he spoke with Hope Smythe of the Regional Board regarding the draft TMDL Staff Report in which, she indicated that the Regional Board was preparing the report and expected that a public workshop would be held on January 2006. When the staff report is released, District staff will then review the technical merits of the document and provide written comments on the document.

- **Middle Santa Ana River Bacteria Indicator TMDL**

Mark Norton provided a brief update on this TMDL, noting that the final adoption process will take approximately 9 months. Steve Stump stated that monitoring is the main issue regarding this TMDL and may not involve the Cities or County at this point because the District conducts monitoring services for compliance with the

Municipal Permit. However, he did state that the Cities should stay current with information surrounding this TMDL which, could possibly lead to more responsible duties for those involved. Jason stated that there was some implication of concern for the cities of Riverside and Corona who have Publicly Owned Treatment Works (POTWs) in the Santa Ana River Watershed. The TMDL regulations could impact the discharges from the POTWs and permits could then be modified to incorporate TMDL requirements. There were no questions or comments from the group.

***IV. New Agenda Items/ Schedule Next Meeting***

There were no new agenda items requested for future meetings.

**NEXT MEETING IS SET FOR:  
THURSDAY, February 16, 2006 - 12:00 P.M.  
AT  
RIVERSIDE COUNTY EXECUTIVE OFFICE, FOURTH FLOOR  
4080 Lemon Street, Riverside, CA 92501**

Visit the Storm Water/Clean Water Protection Program website at:  
<http://www.co.riverside.ca.us/depts/flood/YouCanHelp.asp>.

The Site contains a variety of useful stormwater program information including links to other stormwater management programs and related web sites.

P8/104835

RIVERSIDE COUNTY STORMWATER MANGEMENT PROGRAM  
MANAGEMENT STEERING COMMITTEE  
SANTA ANA & SANTA MARGARITA REGIONS

**MEETING AGENDA**

*(Lunch Served)*

11:30 a.m.\* – 12:30 p.m. May 18, 2006

Room C/D

*Riverside County Administrative Office, Fourth Floor  
4080 Lemon Street, Riverside, CA 92501*

\* meeting to begin at 11:30 a.m. or immediately following the WRCOG TAC meeting should it end later than 11:30

1. Welcome and Self Introduction – Dusty Williams, RCFC&WCD
2. Approval of February 16, 2006 Meeting Notes and Review May 18, 2006 Agenda – Dusty Williams, RCFC&WCD
3. Santa Ana/Santa Margarita Program Status – Jason Uhley
  - City of Beaumont, Notice of Violation issued by Santa Ana RWQCB
4. TMDL Development - Jason Uhley
  - Lake Elsinore and Canyon Lake Nutrient TMDL
  - Middle Santa Ana River Watershed Bacteria Indicator TMDL
5. Next Meeting Date – September 21, 2006

P8/106622

**RIVERSIDE COUNTY STORMWATER MANAGEMENT PROGRAM  
MANAGEMENT STEERING COMMITTEE  
SANTA ANA/SANTA MARGARITA REGIONS**

**MEETING MINUTES**

*for  
February 16, 2006*

**I. Attendees:**

Jason Uhley	RCFC & WCD
Charlene Warren	RCFC & WCD
Kathy Gifford	Riverside County Executive Office
Eric Skaugset	City of Canyon Lake
Asad Korgan	City of Corona
Duane Baker	City of Hemet
George Guayante	City of Moreno Valley
Lori Moss	City of Murrieta
Tom Boyd	City of Riverside
Barry McClellan	City of San Jacinto

**II. Welcome and Self Introductions – Jason Uhley**

Jason Uhley welcomed attendees to the Management Steering Committee (MSC) meeting and initiated self-introductions.

**III. Approval of November 17, 2005 Meeting Minutes and Review Agenda – Jason Uhley**  
**Handouts Provided:**

- Agenda for February 16, 2006
- Minutes for November 17, 2005
- Draft Agreement to Form the Lake Elsinore and Canyon Lake TMDL Task Force
- Task Budget and Coct Share Spreadsheet
- Copy of letter from Regional Board (Santa Ana Region) to Larry Parrish, RE: Request for Technical Reports for the Implementation of the Total Maximum Daily Loads for Nutrients in Canyon Lake and Lake Elsinore

Jason informed attendees that there were minor clarifying changes to the February 16, 2006 Agenda and the November 17, 2005 Meeting Minutes. A revised agenda and minutes were distributed and approved.

**IV. Santa Ana/Santa Margarita Program Status – Jason Uhley**

- Annual Reports - Both the Santa Ana and Santa Margarita Annual Reports were submitted to the Regional Boards on time.
- Regional Board Workshops – See Agenda item V-2&3

**V. TMDL Development – Jason Uhley**

- **Lake Elsinore/Canyon Lake Nutrient TMDL**  
The Nutrient Total Maximum Daily Load for Canyon Lake and Lake Elsinore (TMDL) was adopted in October 2004 and has been approved by the State and Federal governments. The TMDL regulates discharge of nutrients to Lake Elsinore/Canyon Lake. Stakeholders include MS4 Permittees, California Department of Transportation (CalTrans), March Air Reserve

Base Joint Powers Authority (March JPA), California Department of Fish and Game, Western Riverside County Agriculture Coalition on behalf of AG and dairy operators, Lake Elsinore and San Jacinto Watershed Project Authority (LESJWA), Eastern Valley Municipal Water District (EVMWD) and Eastern Municipal Water District (EMWD).

Jason Uhley briefly reviewed the TMDL requirements and the MS4 Permittee's involvement in the development of the Task Force. He noted that the TMDL Implementation Plan adopted by the Regional Board required that named TMDL stakeholders develop and submit a watershed monitoring program to the Regional Board by December 30, 2005. LESJWA, as coordinator of the TMDL Task Force, funded, developed and submitted the monitoring plan with input from, and on behalf of, the TMDL stakeholders.

Jason went on to note that the Regional Board staff reviewed the draft monitoring plan. Regional Board staff noted that it was not clear who the plan was actually submitted for as the TMDL task force had not been officially formed. The Regional Board staff further indicated in comments at the February 8, 2006 TMDL Task Force Meeting that they were concerned that TMDL stakeholders were not taking the TMDL requirements seriously. In response, the Regional Board staff took three actions:

- 1) On January 31, 2006 Regional Board staff issued 13267 letters to all TMDL stakeholders. Section 13267 of the Porter-Cologne Water Quality Act allows the Regional Board to require dischargers to submit reports and studies. Non-compliance with the 13267 requirements can lead to civil penalties exceeding \$10,000 per day and/or criminal penalties. The 13267 letters demanded that each stakeholder either individually or jointly develop the reports and studies required by the TMDL per the TMDL Implementation Plan. The 13267 letters also required that the TMDL Task Force be formed by June 1, 2006.
- 2) The 13267 letters also noted a public workshop with Regional Board staff, including the Executive Officer, to be held on February 8, 2006 prior to the TMDL Task Force Meeting. The purpose of the workshop was to allow TMDL stakeholders to ask questions of Regional Board staff regarding the TMDLs.
- 3) Finally, Regional Board staff scheduled an adoption hearing for the draft TMDL Monitoring Plan at their March 3, 2006 Board Meeting. Regional Board staff asked Mark Norton, Executive Director of LESJWA, to clarify participants in the Task Force by February 16, 2006. In response Mark Norton sent e-mail requests, and noted at the February 8<sup>th</sup> TMDL Task Force Meeting, that each stakeholder needs to send him written correspondence confirming participation in the Task Force by February 16, 2006. Stakeholders who had either not indicated their intent to join the TMDL Task Force, would be considered in violation of the TMDL requirements after February 16, 2006.

Jason noted that it was imperative that each city send at least e-mail correspondence to Mark Norton by the end of business, February 16, 2006, confirming their participation in the TMDL Task Force. (NOTE: On February 17, 2006 Jason followed up with Mark Norton and verified that Mark had received letters/e-mails of intent from all of the cities and the County).

Lastly, Jason discussed with the group the cost sharing methodology used to ensure that TMDL Implementation Plan programs required of multiple stakeholders are implemented. (For more cost share information, please refer to the Task Budget handout provided at the February 16, 2006 MSC Meeting).

Tom Boyd asked what happens when Agriculture Operators and other agencies do not pay their portion of the costs. Jason noted that the agreement includes language that allows the TMDL Task Force to work with Regional Board staff to extend compliance deadlines if a significant portion of the TMDL budget is not realized via scheduled contributions. Jason noted that this helps to protect participating stakeholders from having to pick up the tab of non-compliant stakeholders.

Further discussion regarding cost share, monitoring, and discharge issues surrounding this TMDL ensued among the group.

- **Middle Santa Ana River Watershed Bacteria Indicator TMDL** – There was no information provided on this TMDL.

**VI. New Agenda Items/Schedule Next Meeting**

There were no new agenda items requested for future meetings.

Discussion ensued regarding meeting times however, due to the WRCOG meetings ending at least one hour ahead of schedule for the last few months, it was recommended that the MSC Meeting either be scheduled prior to the WRCOG, or an hour earlier (11:00 A.M.) to prevent wasted time on behalf of MSC participants. Jason noted that he would send an email to City Managers to survey their interest on an alternative meeting time for the next meeting. Jason thanked the group for their attendance and adjourned the meeting.

**NEXT MEETING IS SET FOR:  
THURSDAY, May 16, 2006 - ~~12:00 P.M. (Tentative)~~  
AT  
RIVERSIDE COUNTY EXECUTIVE OFFICE, FOURTH FLOOR  
4080 Lemon Street, Riverside, CA 92501**

Visit the StormWater/Clean Water Protection Program website at:

<http://www.co.riverside.ca.us/depts/flood/YouCanHelp.asp>.

The Site contains a variety of useful stormwater program information including links to other stormwater management programs and related web sites.

P8/105902

**Appendix B**  
**Public Education**

# **Public Education Material**

Only Rain Down the Storm Drain Brochures  
Storm Water Pollution 'What You Should Know...' Series  
&  
'After the Storm'



Series includes 'What's the Scoop,' 'Outdoor Activities,' 'Pool & Spa,'  
'The Food Service Industry,' 'General Construction & Site Supervision,' 'Automotive  
Maintenance & Car Care,'

&

'Did You Know Your Facility May Need a Storm Water Permit?'

## Only Rain Down the Storm Drain Posters



Titles include, 'Maintaining A Storm Water Friendly Gas Station,' 'Stormwater & the Construction Industry,' 'Maintaining Storm Water Friendly Service Bays & Car Washes,' 'A Menu of Activities... to Keep Our Water Clean'

&

'Keep Your Shop in Tune... and Protect our Waterway!'

## Only Rain Down the Storm Drain Promotionals



Promotionals above include Dustpans, Shop Cloths, Air Fresheners, Sponges, Magnet, Erasable Highlighters, Pens, Pencils, Collapsible Frisbees, Shoe Laces, Crayons, Slap bracelets, Rulers, Children's Bag, & Adult Bag

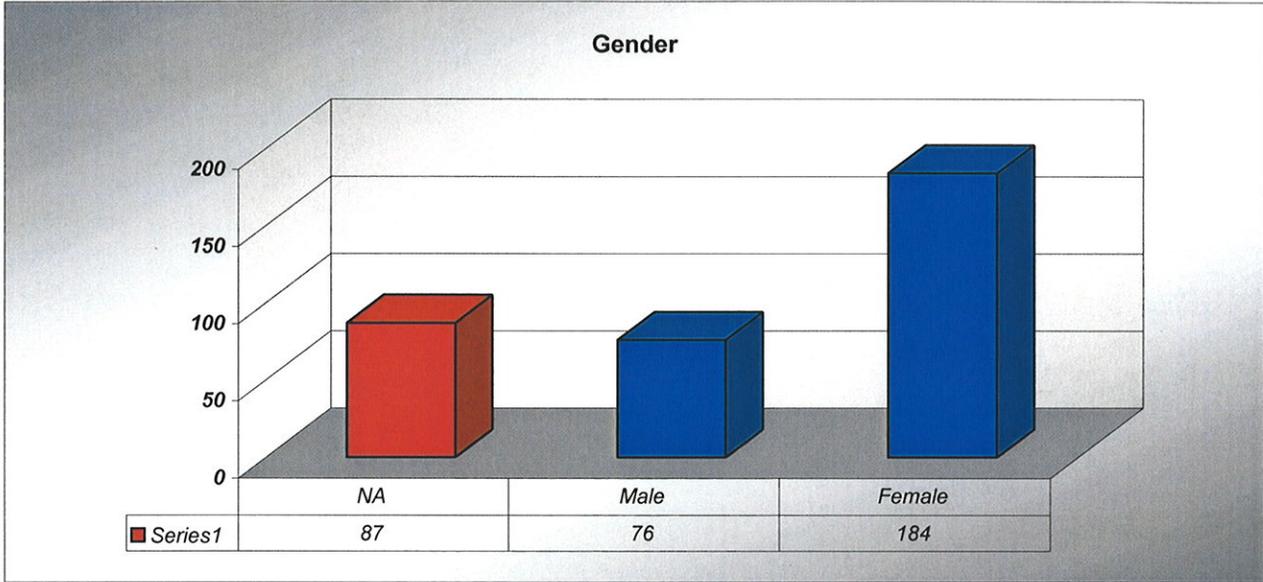
# **Public Education Survey**

# **Public Education Survey**

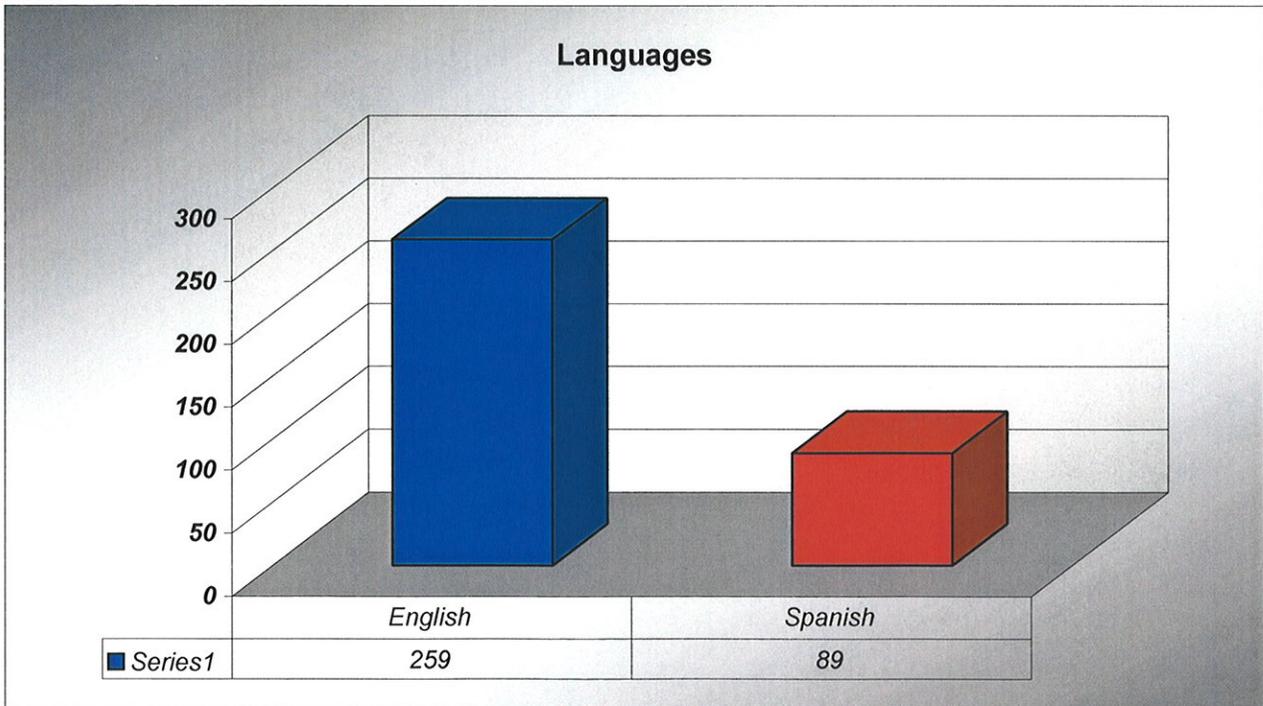
# Dia de la Familia Survey Results

Gender  
NA 87  
Male 76  
Female 184

NA= No Answer

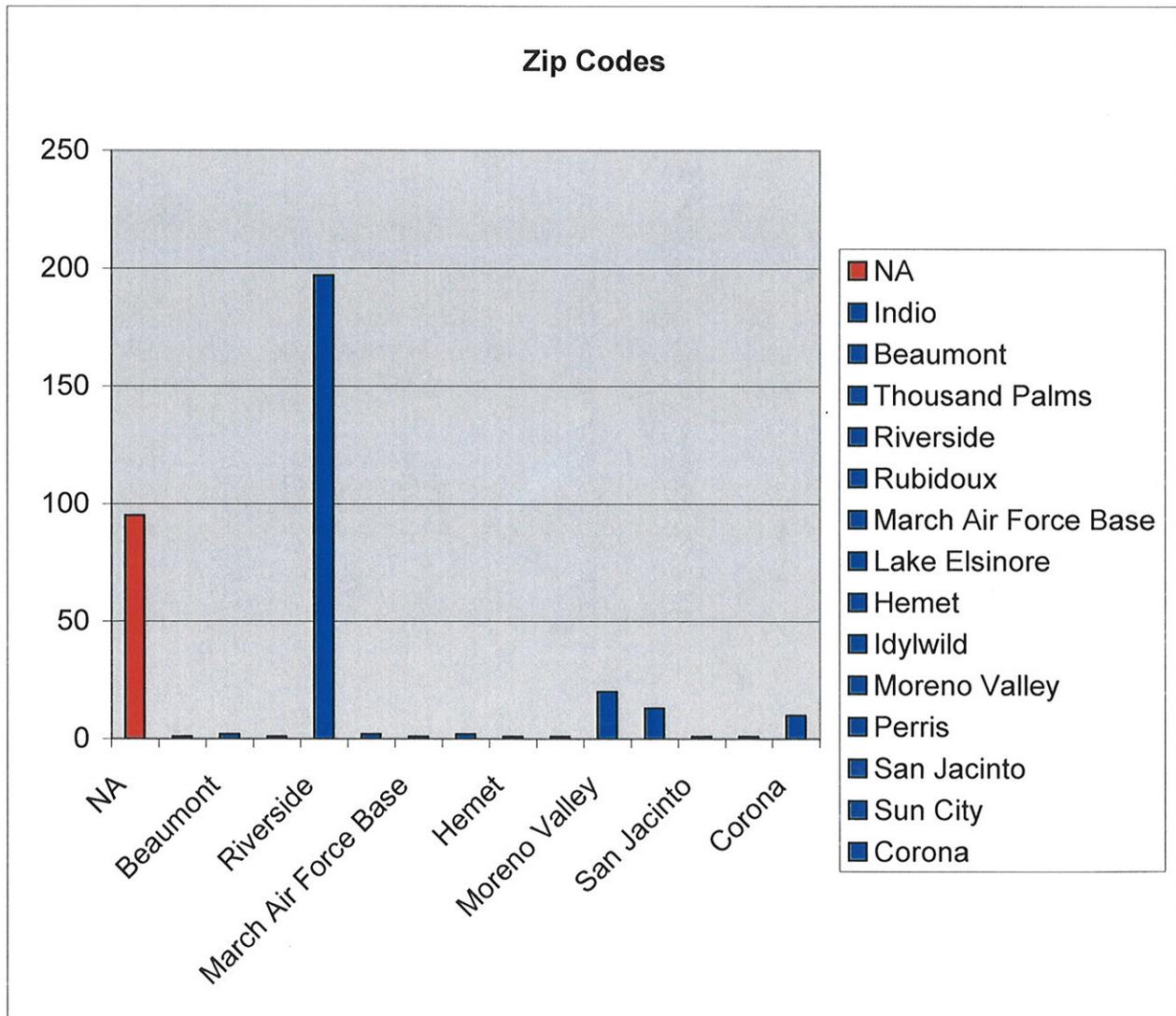


Languages  
English 259  
Spanish 89

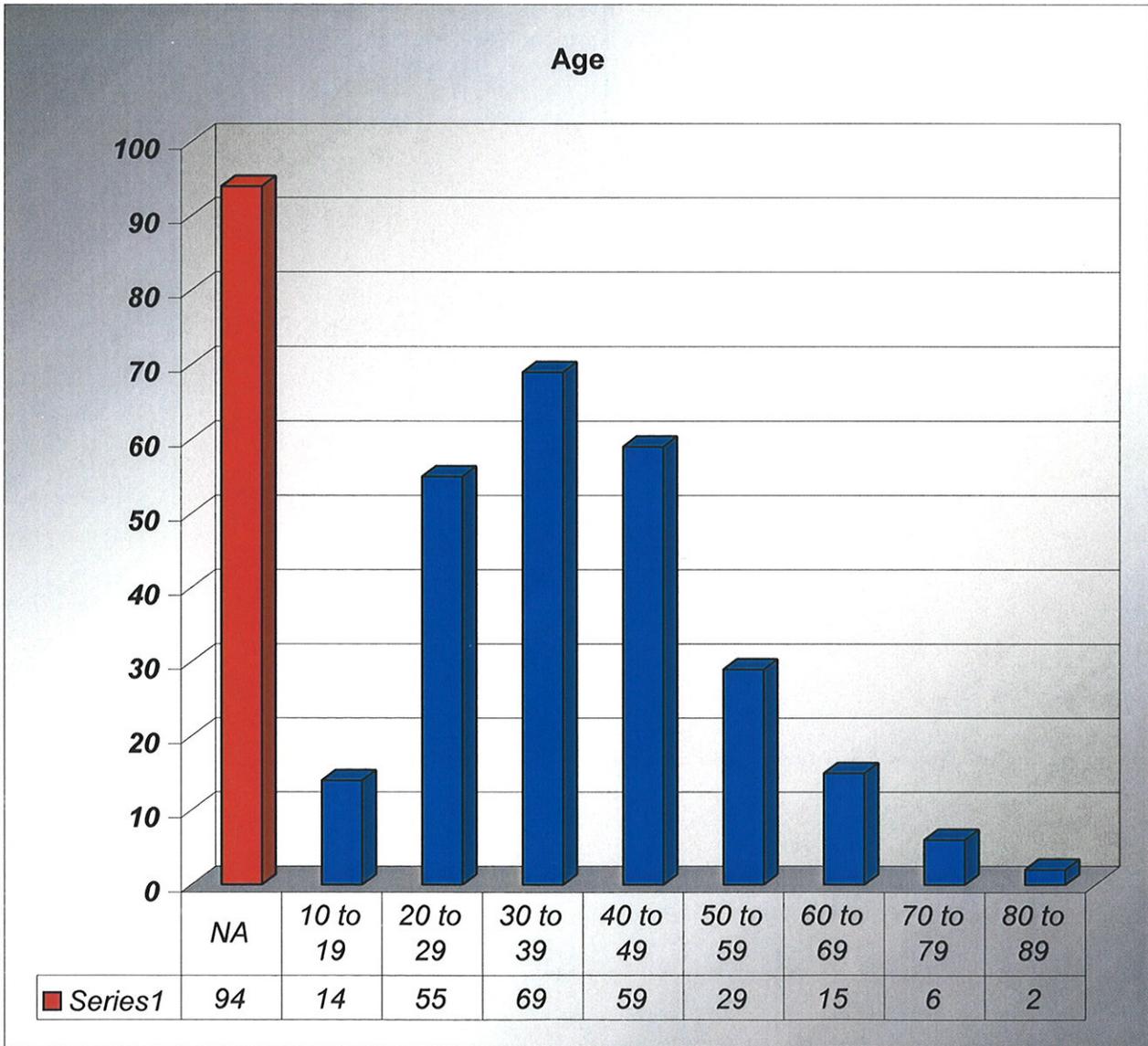


Zip Codes

NA	NA	95
92201	Indio	1
92223	Beaumont	2
92276	Thousand Palms	1
92501	Riverside	197
92509	Rubidoux	2
92518	March Air F	1
92530	Lake Elsinore	2
92543	Hemet	1
92549	Idylwild	1
92551	Moreno Va	20
92570	Perris	13
92581	San Jacinto	1
92584	Sun City	1
92880	Corona	10

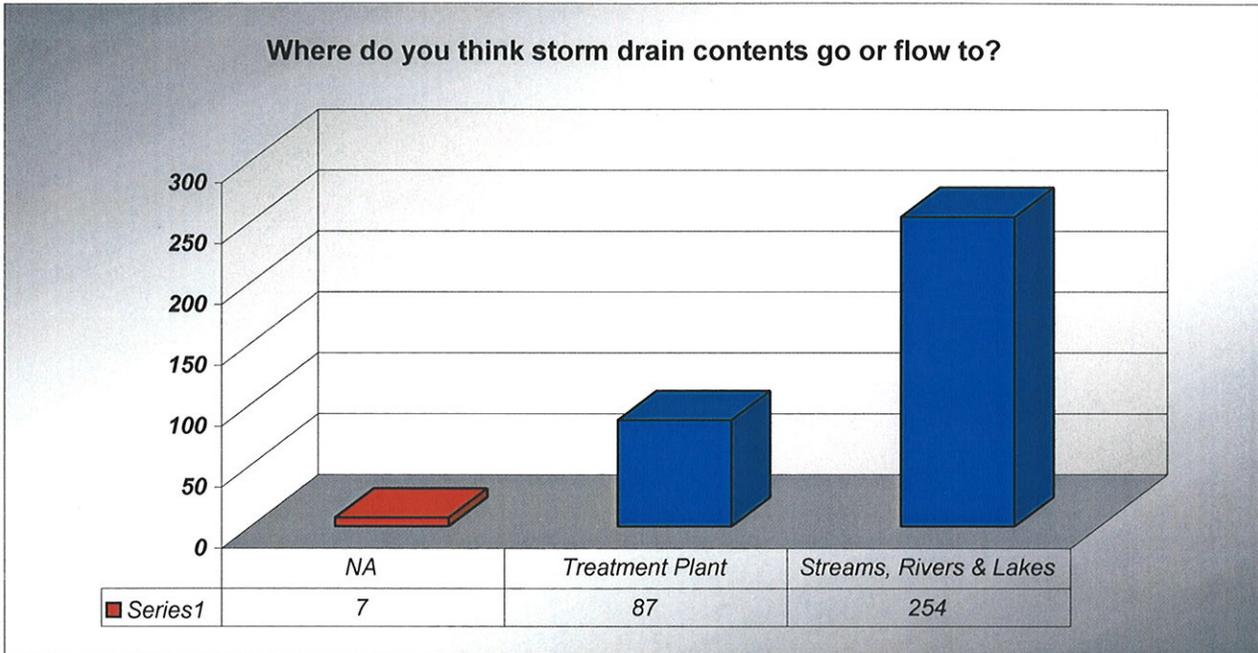


Age	
NA	94
10 to 19	14
20 to 29	55
30 to 39	69
40 to 49	59
50 to 59	29
60 to 69	15
70 to 79	6
80 to 89	2



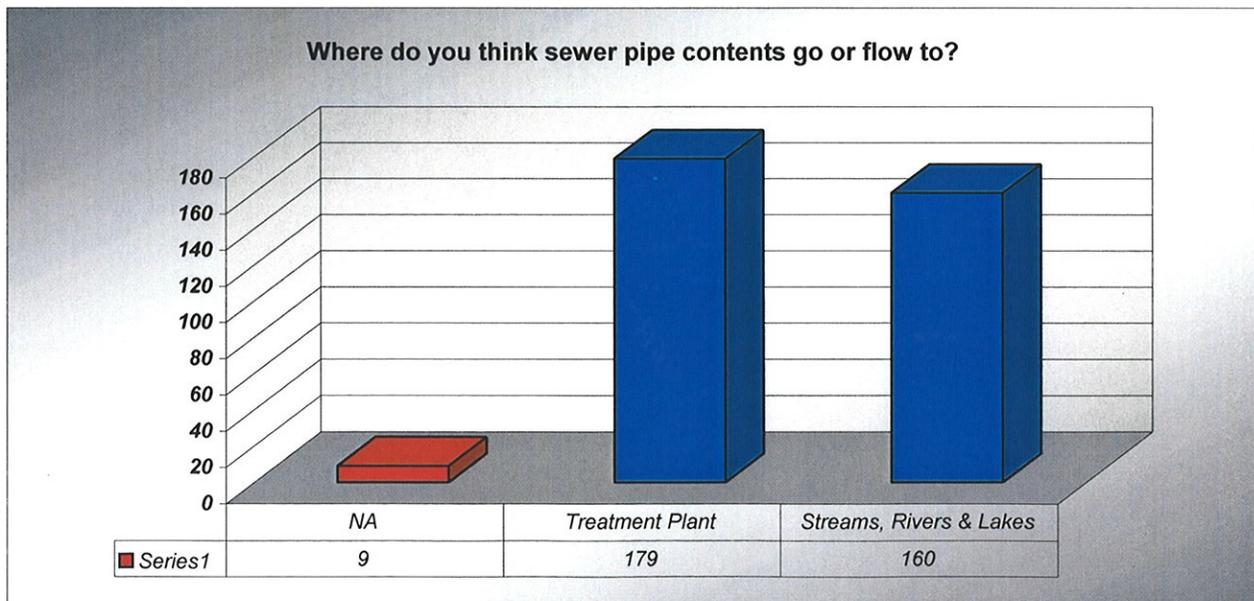
Question 1

NA 7  
Treatment Plant 87  
Streams, Rivers & 254



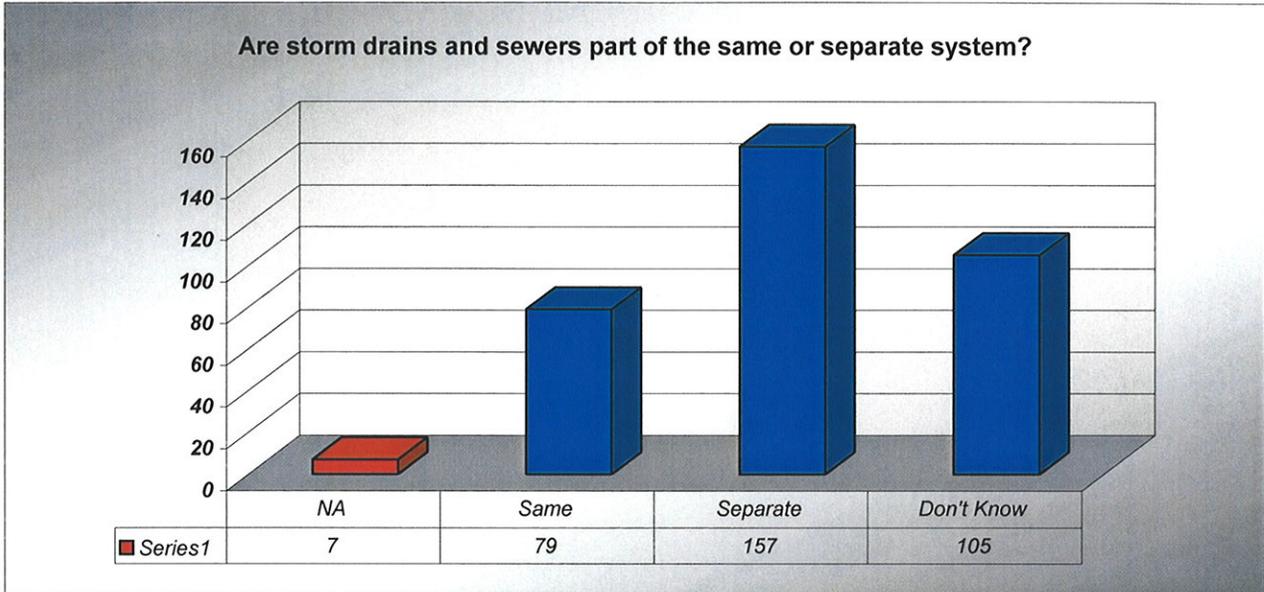
Question 2

NA 9  
Treatment Plant 179  
Streams, Rivers & 160



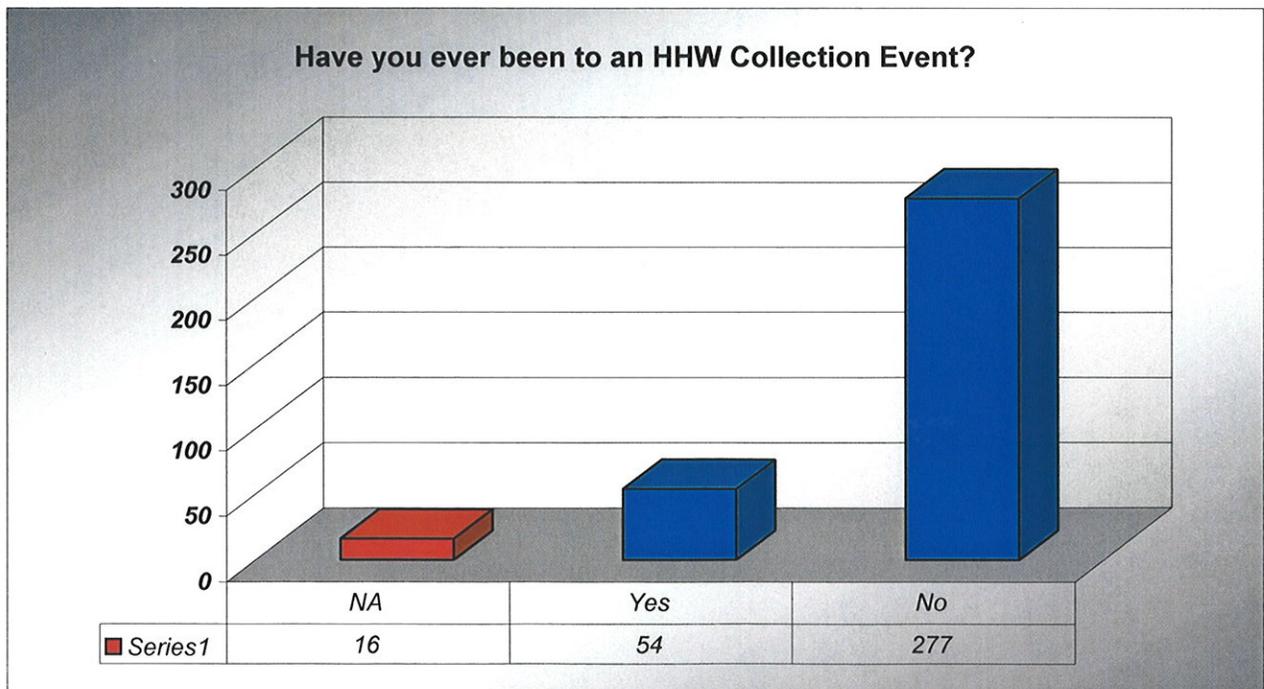
Question 3

NA 7  
Same 79  
Separate 157  
Don't Know 105



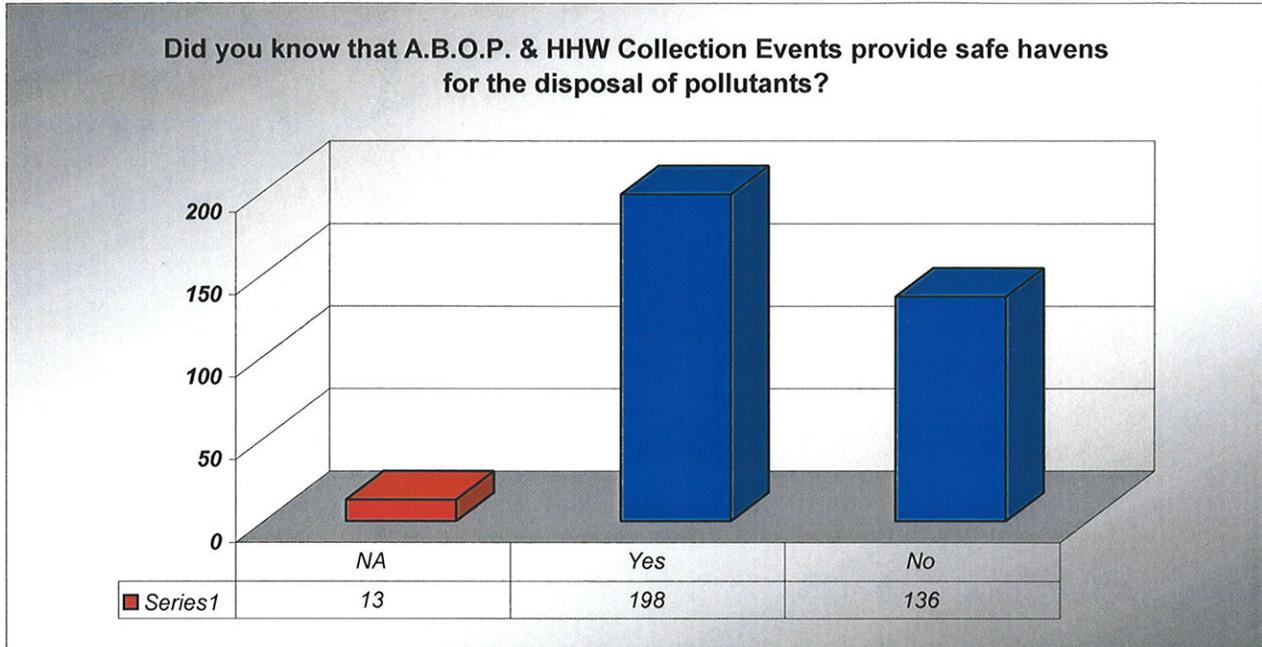
Question 4

NA 16  
Yes 54  
No 277



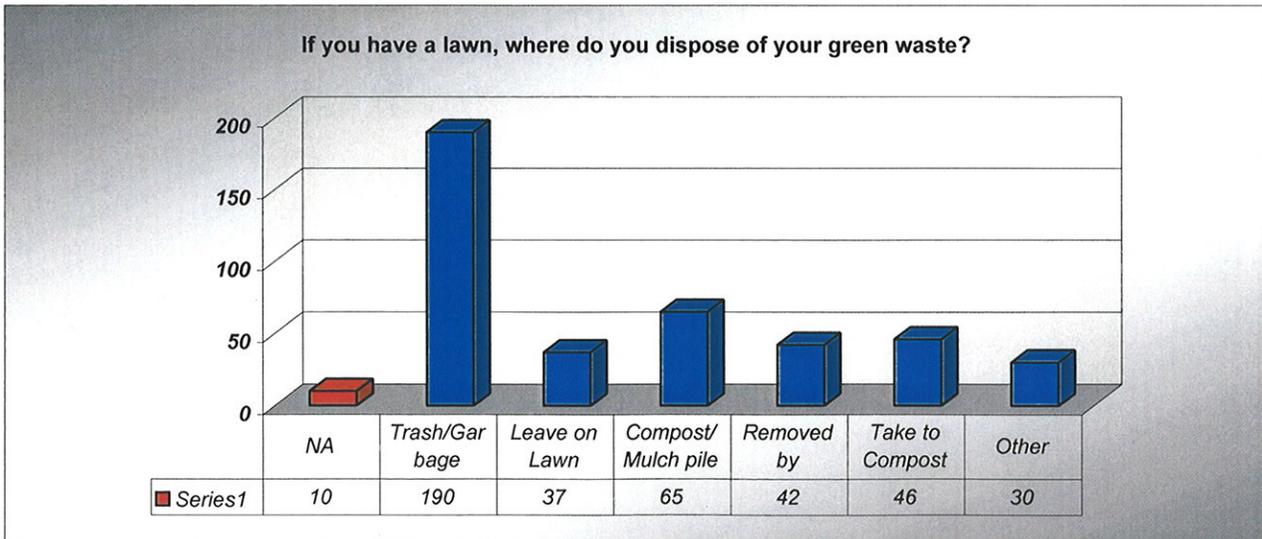
Question 5

NA 13  
 Yes 198  
 No 136



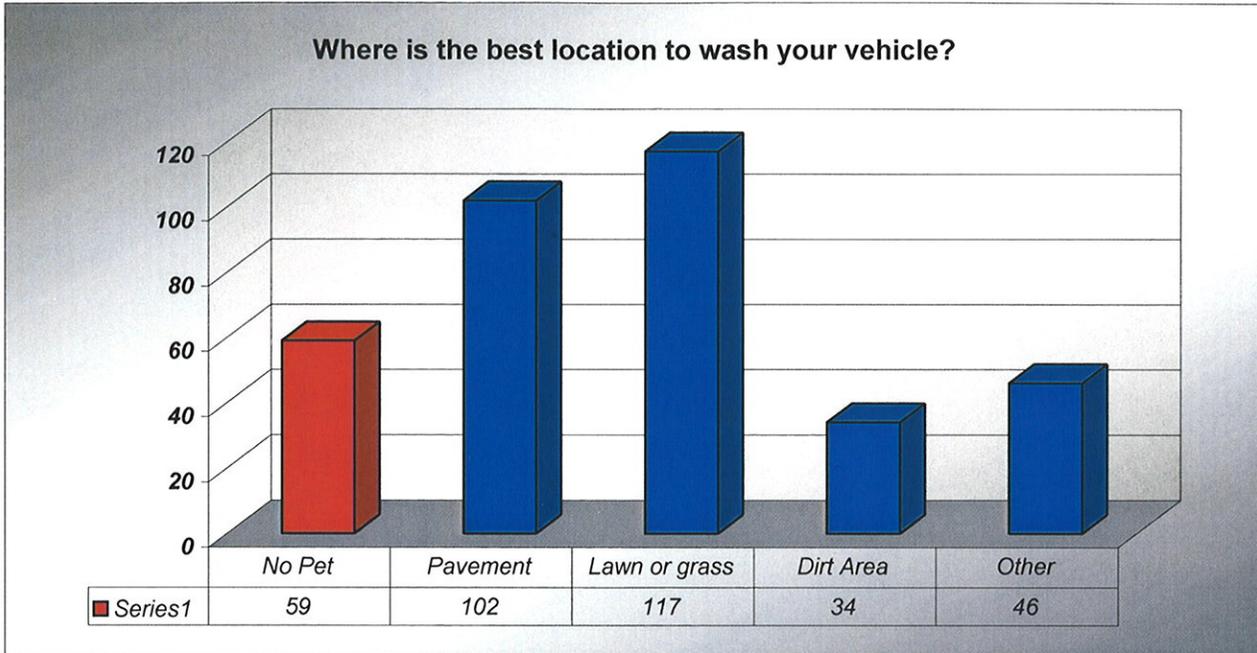
Question 6

NA 10  
 Trash/Garbage 190  
 Leave on Lawn 37  
 Compost/Mulch pile 65  
 Removed by gard 42  
 Take to Compost 46  
 Other 30



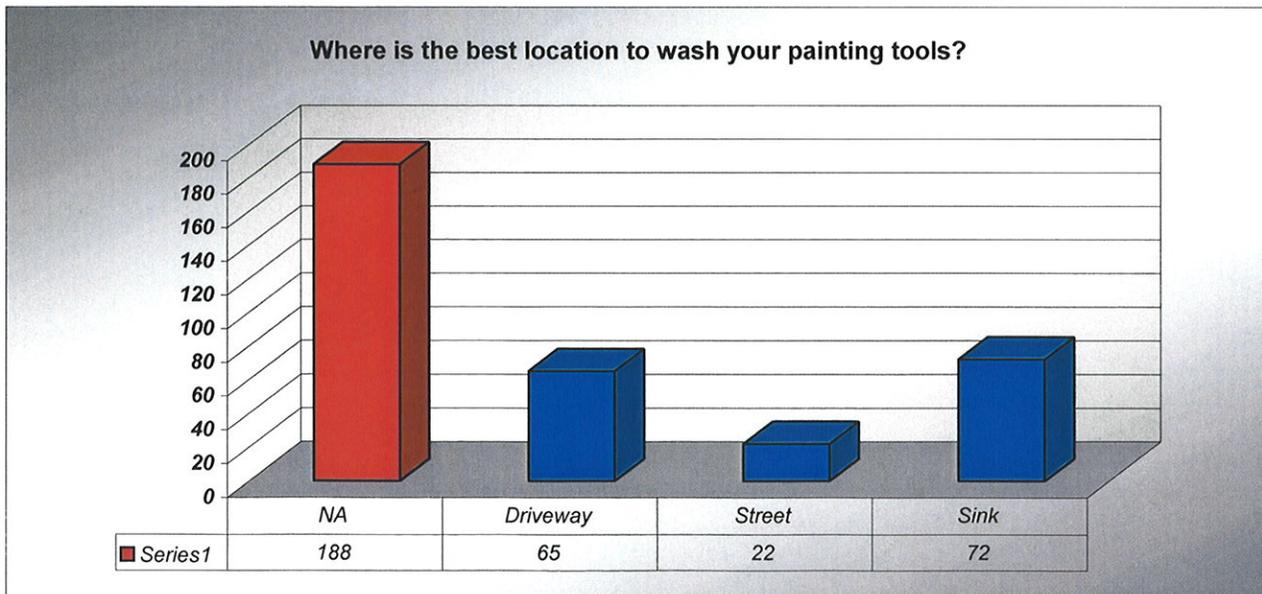
Question 7

No Pet	59
Pavement	102
Lawn or grass	117
Dirt Area	34
Other	46



Question 7a

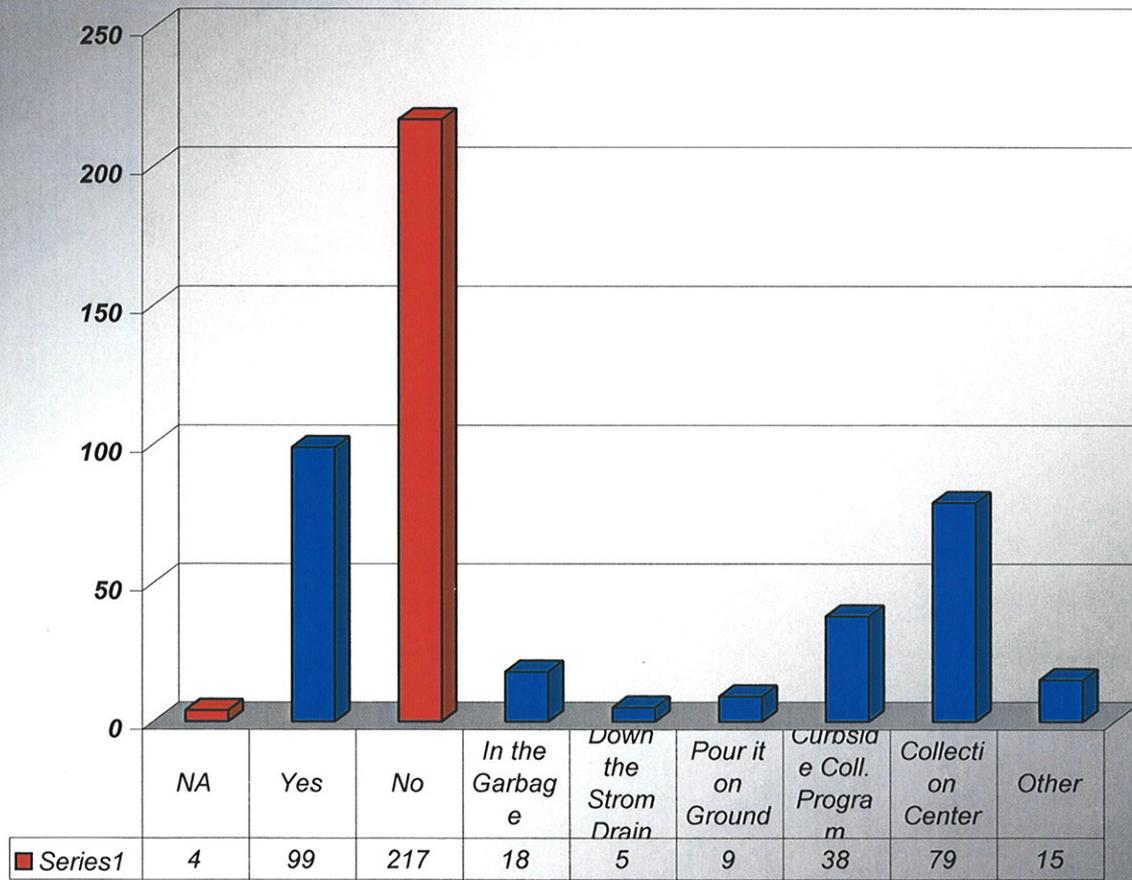
NA	188
Driveway	65
Street	22
Sink	72



Question 8

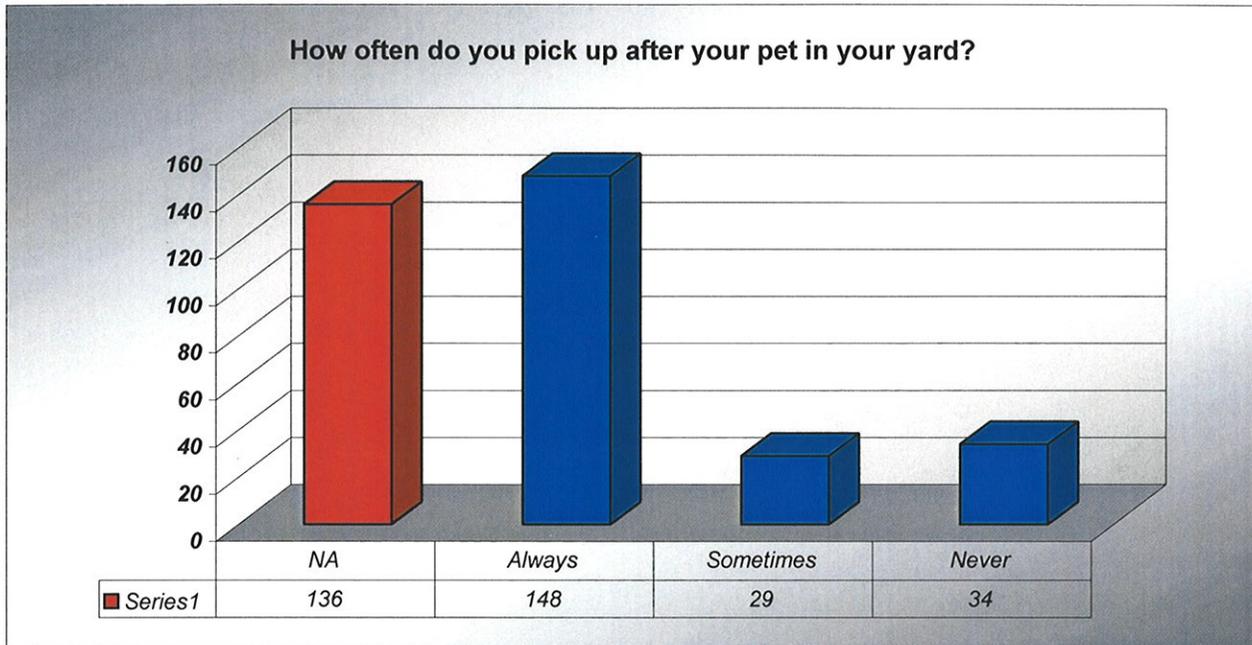
NA 4  
 Yes 99  
 No 217  
 In the Garbage 18  
 Down the Storm Drain 5  
 Pour it on Ground 9  
 Curbside Coll. Program 38  
 Collection Center 79  
 Other 15

**Do you change your motor oil?**  
**If yes where do you dispose of it?**



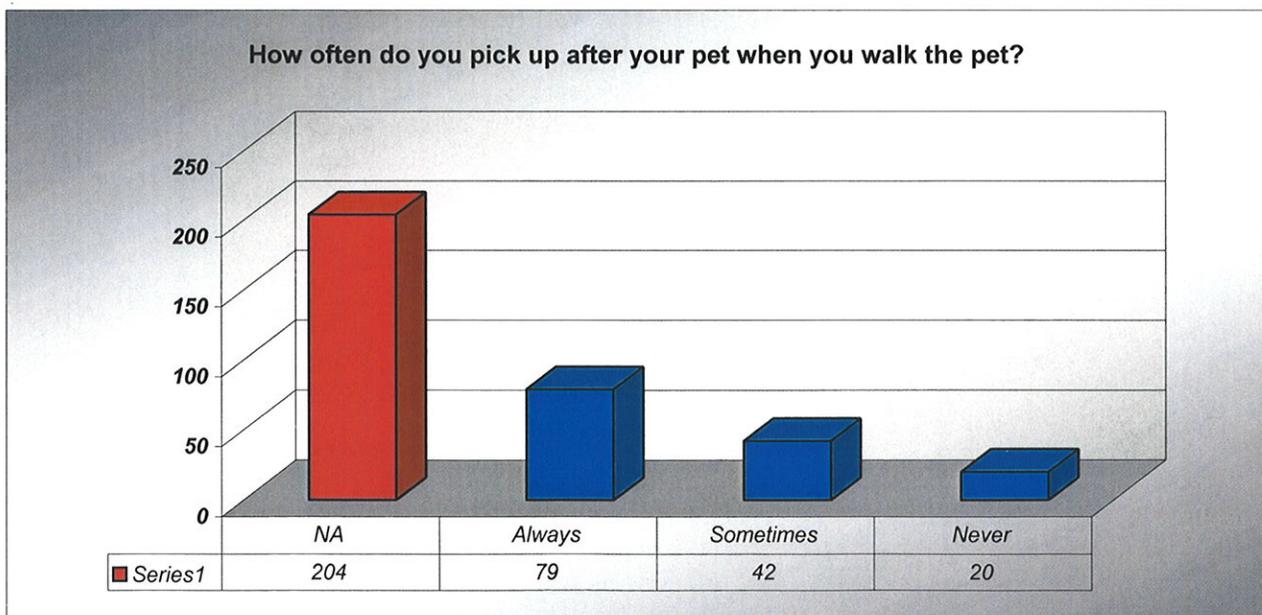
Question 9a

NA	136
Always	148
Sometimes	29
Never	34



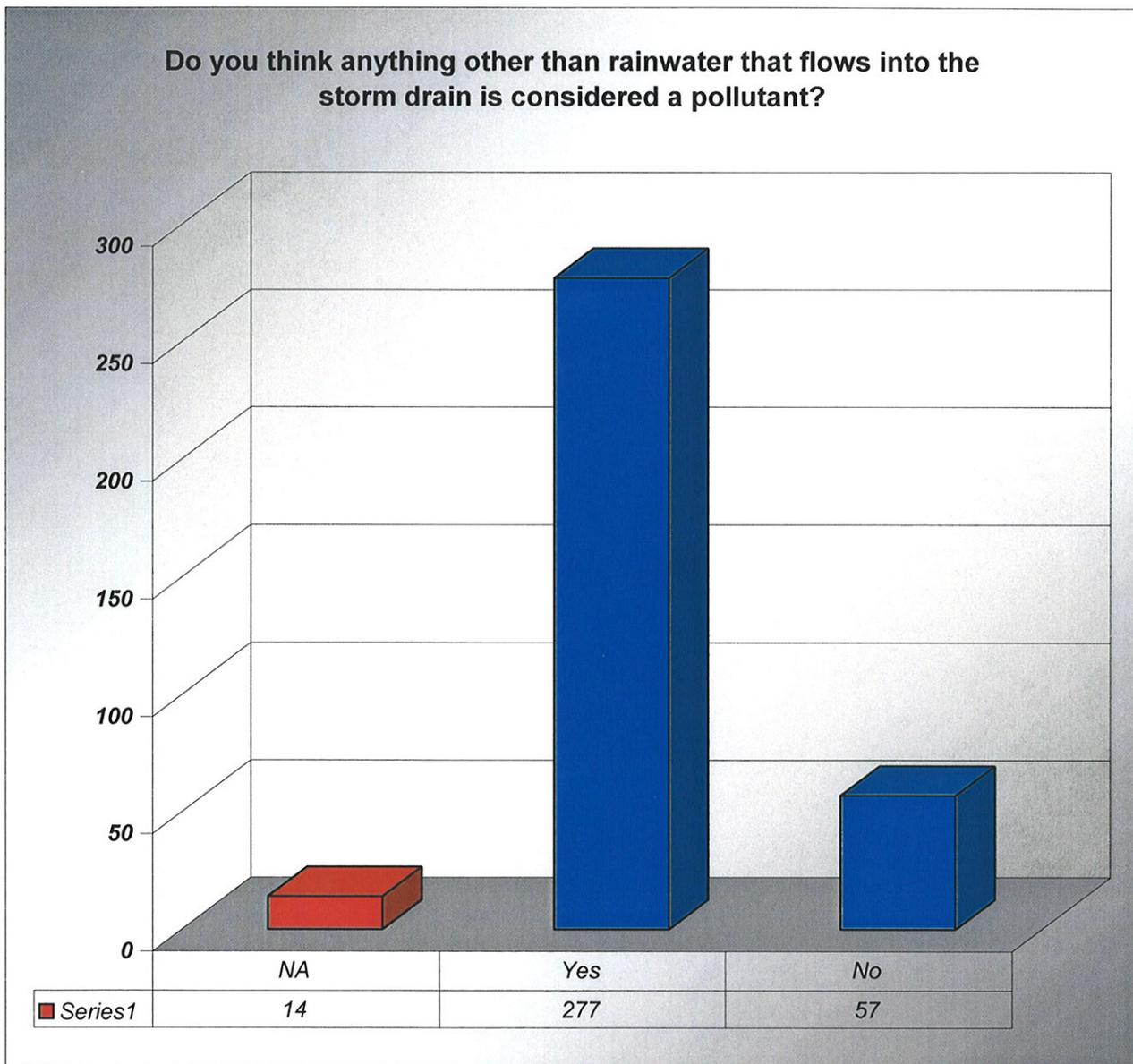
Question 9b

NA	204
Always	79
Sometimes	42
Never	20



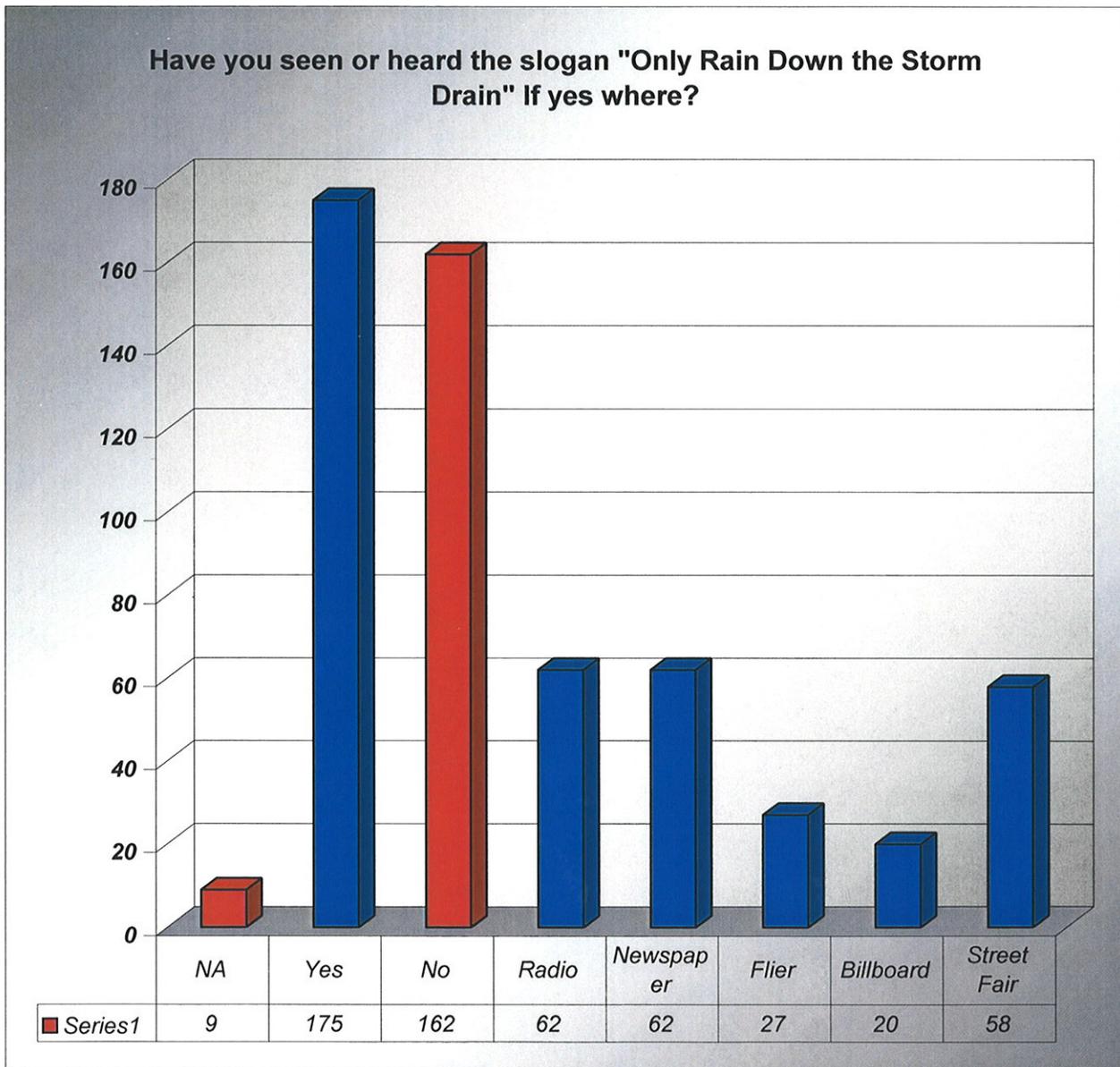
Question 10

NA 14  
Yes 277  
No 57



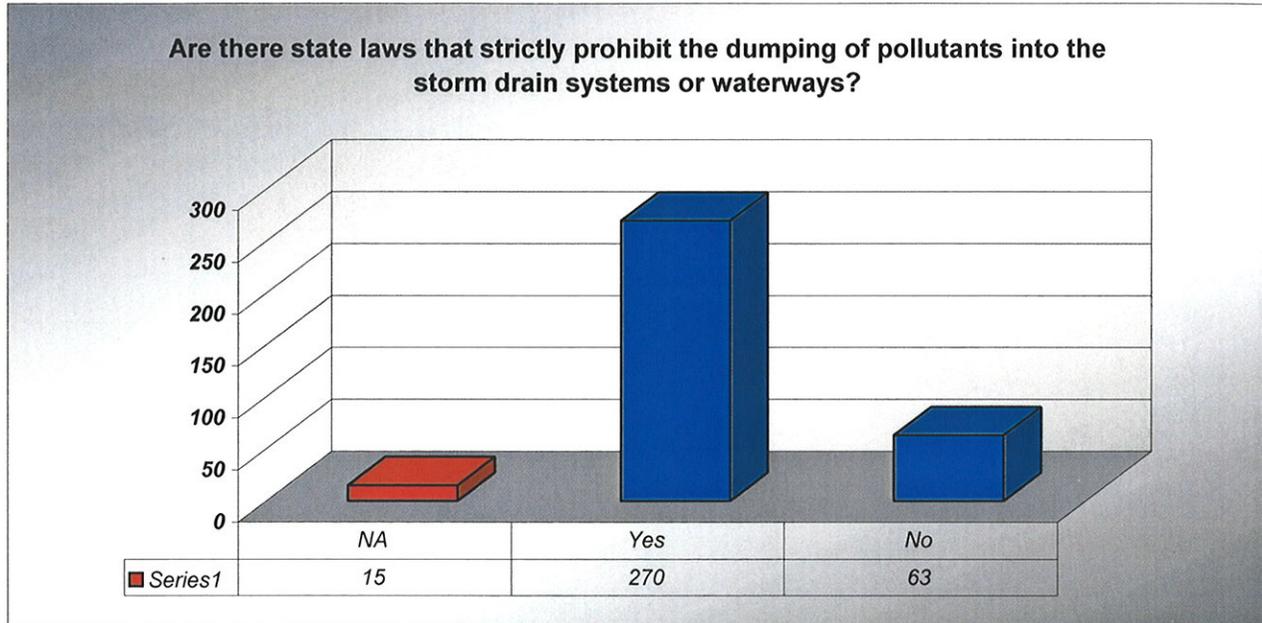
Question 11

NA	9
Yes	175
No	162
Radio	62
Newspaper	62
Flier	27
Billboard	20
Street Fair	58



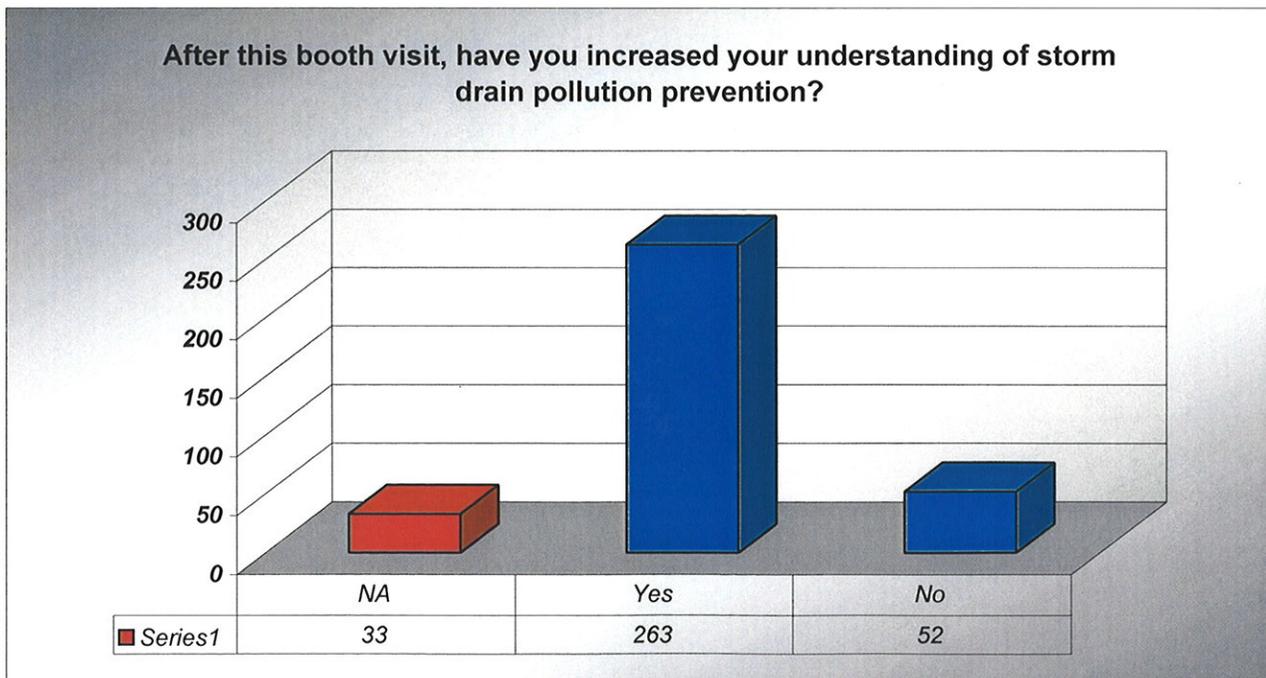
Question 12

NA 15  
Yes 270  
No 63



Question 13

NA 33  
Yes 263  
No 52

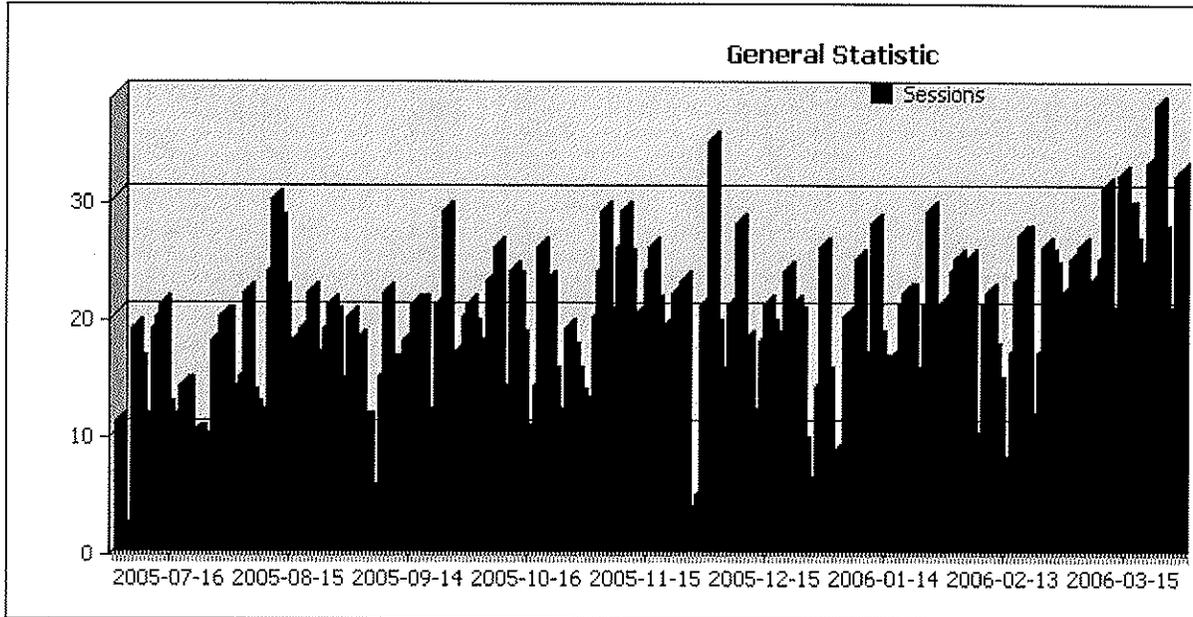


# **Webpage Counter**

# General Statistic

## FY05-06 General (9/29/2006 12:49:50 PM) District's General Stormwater Web Page Viewing Analysis - FY05/06

The general statistic shows how many people visited the Website. The hits are the amount of requests to the webserver (all files). The Sessions are the number of unique visitors.

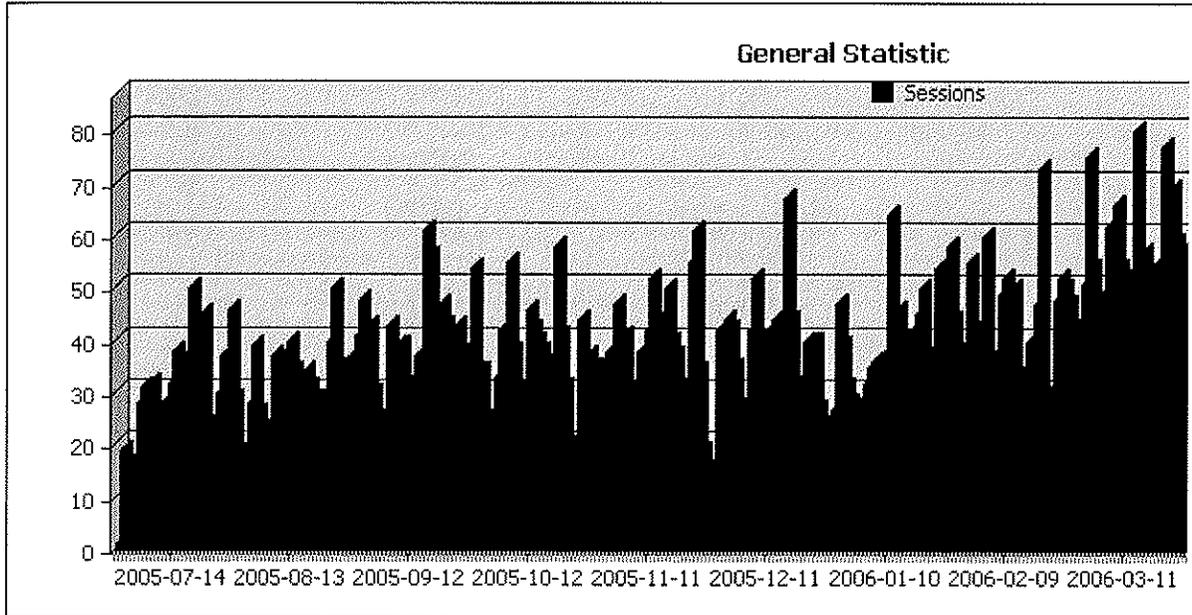


<b>Hits</b>	
Total hits in the analysis period	7767
Average hits per day	21
<b>Page views</b>	
Total visited pages	5317
Average pages per day	14
<b>Sessions (Visitors):</b>	
Total sessions	5680
Average sessions per day	15
<b>HTTP statuscodes:</b>	
Code 200 - OK	5317
Code 206 - Partial Content	32
Code 304 - Not Modified	2416
Code 404 - Not Found	2

# General Statistic

FY05-06 (9/29/2006 11:01:39 AM)  
 Stormwater Website Activity Analysis for Fiscal Year 05-06

The general statistic shows how many people visited the Website. The hits are the amount of requests to the webserver (all files). The Sessions are the number of unique visitors.



<b>Hits</b>	
Total hits in the analysis period	55932
Average hits per day	153
<b>Page views</b>	
Total visited pages	31804
Average pages per day	87
<b>Sessions (Visitors):</b>	
Total sessions	14071
Average sessions per day	38
<b>HTTP statuscodes:</b>	
Code 200 - OK	35130
Code 206 - Partial Content	11507
Code 302 - Found	2469
Code 304 - Not Modified	6537
Code 403 - Forbidden	36
Code 404 - Not Found	169
Code 406 - Not Acceptable	79
Code 500 - Internal Server Error	4

## **Appendix C**

### **2005/06 Annual Report Riverside County Fire Department Hazardous Materials Emergency Response Team Activities**

2005/06 Annual Report  
Riverside County Fire Department  
Hazardous Materials Emergency Response  
Team Activities

Santa Ana, Santa Margarita and Whitewater  
Regions

September 30, 2006

*Prepared for*

**Riverside County Flood Control  
and Water Conservation District**

**Riverside County Fire Department**  
210 West San Jacinto Street  
Perris, CA 92570

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4.0 Public Education	3
5.0 Municipal Employee Training	4
6.0 Prevention Measures	5
7.0 Incident Summary	6

## **1.0 Summary**

This report addresses the Riverside County Fire Department's Hazardous Materials Response Team activities for the period of July 1, 2005 to June 30, 2006. The report details program development, public outreach efforts, municipal staff training, runoff prevention measures, and call summary. Hazardous Materials response activities included in this annual report were actual hazardous material releases that potentially threatened the watersheds of the Santa Ana, Santa Margarita, and Whitewater Rivers overseen by the Riverside County Flood Control and Water Conservation District.

## **2.0 Introduction to the Hazardous Materials Response Team**

The 2005/2006 Annual Report on Hazardous Materials Emergency Response Team Activities summarizes responses to environmental emergencies for the purpose of controlling the release of toxic materials and minimizing the impact on public safety and the environment. The Riverside County Fire Department Hazardous Materials Response Team, established in 1986, continues with its mission of providing service within Riverside County through a partnership program that combines the efforts from the Fire Department and the Hazardous Material Branch of Riverside County Environmental Health.

The Hazardous Materials Response Team is responsible for the coordination of the NPDES Storm Water Discharge Permit for the Riverside County Fire Department. The Hazardous Materials Response Team provides maintenance of the Storm Water Pollution Prevention Program for the county fire stations and facilities, implementation of Best Management Practices (BMPs), and annual municipal employee training. As one of the largest fire departments within California in both geographic coverage and firefighting personnel, The Riverside County Fire Department provides service to Riverside County and the cities of Banning, Beaumont, Calimesa, Coachella, Desert Hot Springs, Indian Wells, Indio, La Quinta, Moreno Valley, Palm Desert, Perris, Rancho Mirage, San Jacinto, and Temecula. The Riverside County Fire Department operates 94 fire stations with over 1200 employees.

## **3.0 Program Management and Development**

With the continued development and population growth of Riverside County, the total numbers of emergency incidents are increasing. Riverside County Fire Department is committed to meeting the demand for public service and has developed plans and contingencies for continued expansion through placement

of new facilities and additional personnel. With the increase in the total number of emergency incidents, there is a related increase in Hazardous Materials related incidents. The Hazardous Material Response Team is meeting this increase in service with the following program developments:

- FY 2001/2002, the development of two dedicated Hazardous Materials Response Teams, consisting of five Firefighter/Hazardous Material Technicians per team. Team One is located in Winchester, CA and Team Two is located in Palm Desert, CA.
- FY 2002/2003, the purchase of three new response vehicles consisting of two support vehicles, and a new tractor-trailer main unit. There have been additional purchases of equipment and monitors to ensure a full compliment of tools for both teams.
- FY 2003/2004, two Mass Decontamination Response Trailers were placed in-service for both teams. A change in the designators from "Hazmat 1" and "Hazmat 2" to "Hazmat 34" and "Hazmat 81", to better reflect the locations of the Haz-mat teams, thereby improving communications department wide.
- FY 2004/2005, participating fire departments within Riverside County developed Best Management Practices (BMPs) that are intended to be used by fire fighting agencies for urban runoff management. These BMPs are a requirement of the Riverside County Municipal Stormwater permit (section XI.B) adopted by the Santa Ana Regional Water Quality Control Board (SARWQCB). Due to an operational need the two response teams were combined into one team and separated into three locations.
- FY 2005/2006, the Hazardous Materials Response Team was reorganized into two distinct teams, Hazmat 34 at Winchester Fire Station 34 and Hazmat 81 at North Bermuda Dunes Fire Station 81. Daily on duty staff is 10 Hazardous Materials Specialists providing service to the county.

#### **4.0 Public Education**

The Hazardous Materials Response Team is available for public education, and dedicates time to provide the citizens of Riverside County with information regarding environmental safety and Storm Water Pollution Prevention. Both teams have participated in 43 public relation and education events during FY 2005/2006. Haz-mat Personnel provided information and education through direct public contact, and materials. These events have included:

- The Riverside County Fair held annually at Indio, CA.

- California Professional Firefighters Annual Convention in Palm Springs.
- 17 separate educational presentations at public schools, grades K through 12.
- Numerous safety fairs held at the cities of La Quinta, Hemet, Perris, Moreno Valley, and Temecula.
- Fire Explorer Musters within Riverside County.

Public information and education is provided through materials that the Hazardous Materials Response Team hands out during the various events that are attended during the year.

- "Household Hazardous Waste Collection Site Schedule" (schedule) Riverside County Environmental Health.
- "Household Hazardous Waste" (pamphlet), Stormwater Cleanwater Protection Program.
- "Stormwater Pollution, What You Should Know" (pamphlet) Stormwater Cleanwater Protection Program.
- "Stormwater Pollution, Outdoor Cleaning Activities" (pamphlet) Stormwater Cleanwater Protection Program.
- "Storm Drains Flow Directly to our Waterways" (poster) Stormwater Cleanwater Protection Program.

## **5.0 Municipal Employee Training**

Successful Storm Water Pollution Prevention is dependent upon a Standard Operation Policy and effective education of department employees. Team members from the Hazardous Material Response Team are available to train and educate the approximately 1200 Riverside County Fire Department personnel on the Storm Water Pollution Prevention Program and the National Pollution Discharge Elimination System. In previous years, the training was conducted at individual fire stations, or during new employee orientation at Clark Training Center.

To comply with NPDES permit requirements for municipal employee training, and to ensure a consistent training program the Hazardous Materials Response Team produced a video training program that was presented to all 94 fire department facilities. Employees are required to view the program, document

their participation on a fire department training roster, and forward copies to the Hazardous Materials Response Team. This years training covered the following activities of concern:

### **Fire Station/Municipal Facility Activities**

- Dispensing of Fuel.
- Vehicle and equipment parking and storage.
- Vehicle and equipment maintenance.
- Vehicle and equipment washing and cleaning.
- Leak and spill cleanup.
- Landscape, garden, and general maintenance and cleaning.
- Loading, handling, storage of chemicals, oil, trash, and debris.

## **6.0 Prevention Measures**

Members of the Hazardous Materials Response Team were involved in the development of Best Management Practices used by fire fighting agencies for urban runoff management. These BMPs are a requirement of the Riverside County Municipal Storm Water Permit (section XI.B) adopted by the Santa Ana Regional Water Quality Control Board.

The Riverside County Fire Chief's Association will adopt the developed fire department activities to provide guidance to firefighting personnel for management of urban runoff. The BMPs when followed will minimize discharges of urban runoff to the municipal separate storm sewer system (MS4) associated with firefighting, fire training, emergency scene spills, and discharges.

The following Emergency and Non-emergency Firefighting Activities were addressed:

- Discharges associated with fire training activities.
- Discharges associated with post-emergency fire fighting activities.
- Discharges associated with activities conducted at fire department facilities.

- Discharges associated with emergency fire fighting activities.
- Stormwater NPDES training of fire department employees.

## 7.0 Incident Summary

The Hazardous Materials Response Team responded to **750** incidents from July 2005 through June of 2006. The total number of incidents that were a threat to the Riverside County Flood Control District was **107**. This equates to **7.0%** of the Hazardous Materials Response Team total responses

• Hazardous Materials Fires	<b>7</b>
▪ Drug Related Laboratories	<b>1</b>
▪ Illegal Dumping	<b>37</b>
▪ Spills at Fixed Facilities	<b>4</b>
▪ Spills from Mobile Property and Equipment	<b>44</b>
▪ Other	<b>14</b>
	-----
	<b>Total 107</b>

The average length of time spent on a hazardous materials related incident is four hours. Based on **107** flood control related incidents, the Hazardous Materials Response Team provided **428** hours of service to the Riverside County Flood Control District.

**Appendix D**  
**Training Attendance Sheets and Flyers**

## District Training Participants for Fiscal Year 05-06

### Spring 2005 Training

Tuason, Tina	Municipal - 9/26/05
Quinonez, Edwin	WQMP - 9/19/05
Cho, Benjie	WQMP - 9/19/05
Martinez, Albert	WQMP - 9/19/05
Ferrando, Leonardo	WQMP - 9/19/05
Tuason, Tina	WQMP - 9/28/06
Allen, Kent	WQMP - 9/28/06
Barreto, Daisy	WQMP - 9/28/06
Decastro, Victor	WQMP - 9/28/06
Delgadillo, Don	WQMP - 9/28/06
Diaz, Art	WQMP - 9/28/06
Duckworth, Everett	WQMP - 9/28/06
Fulton, Jeff	WQMP - 9/28/06
Gladding, Dale	WQMP - 9/28/06
Gallup, Kyle	WQMP - 9/28/06
Mowrer, Florence	WQMP - 9/28/06
Nanney, Penny	WQMP - 9/28/06
Padilla, David	WQMP - 9/28/06
Russell, Eric	WQMP - 9/28/06
Tuason, Tina	WQMP - 9/28/06
Upadhya, Setu	WQMP - 9/28/06
Drogin, Glen	WQMP - 9/28/06
Muarega, Demeke	WQMP - 9/28/06
Padres, Claudio	WQMP - 9/28/06
Perez, Ed	WQMP - 9/28/06
Petersen, Derek	WQMP - 9/28/06
Rahman, Anis	WQMP - 9/28/06
Cairns, Mike	WQMP - 9/28/06
Wolf, Lori	WQMP - 9/28/06
Yagade, Gary	WQMP - 9/28/06
Mowrer, Florence	Construction - 9/28/05
Ortega, David	Construction - 9/28/05
Tuason, Tina	Construction - 9/28/05
Nanney, Penny	Construction - 9/28/05
Ortega, David	Industrial - 9/26/05
Tuason, Tina	Industrial - 9/26/05

### Fall 2006 Training

Nanney, Penny	Industrial - 3/30/06
Nanney, Penny	Municipal - 3/29/06
Hernandez, Diana	WQMP - 3/22/06
Garcia, Linda	WQMP - 3/22/06
Nanney, Penny	WQMP - 3/30/06
Mowrer, Florence	WQMP - 3/30/06
Strommer, Jayne	WQMP - 3/30/06

**CONSTRUCTION SITE  
INSPECTION TRAINING**

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- CONSTRUCTION SITE ACTIVITIES -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Tuesday, September 20, 2005 - Half-Day Training  
8:00 A.M. – 11:00 A.M.

**WHERE:** Coachella Valley Association of Governments  
73-710 Fred Waring Drive, Suite 200 – Room 115  
Palm Desert, CA 92260 Phone: 760.346.1127

**TRAINING:** Riverside County NPDES Municipal Stormwater (MS4) Permits require annual training. Santa Ana RWQCB Permit also requires new employees receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Construction Site Inspectors
- Code Enforcement Staff
- Public Works Maintenance Staff
- Building & Safety Staff

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Overview of General Construction Permit
- Site Inspection Responsibilities
- Enforcement Options
- Erosion/Sediment Control BMPs
- Storm Water Pollution Prevention Plans
- Municipal Stormwater Permit Requirements
- Runoff Sampling and Analysis
- Post Construction BMPs

**TO REGISTER:** Please COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-CharleneWarren@co.riverside.ca.us. Please bring a copy of your completed Registration form to the Training. **Registration deadline is September 6, 2005.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_  
**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please circle desired training date(s) and indicate number of attendees. Attach additional sheet if needed.

September 20, 2005 - Number of attendees \_\_\_\_\_

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE INSPECTIONS**  
**SIGN-IN SHEET**

Meeting of: September 20, 2005 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
dolfo	Cabrera	P/W Maintenance	760.777.7052	760.777.7154	James Lindsey	
gunwah	Reginald	City of Corona	949.678.7517		Reginald Agunwah	
gharpour	Reza	Public Works	760.776.0237	760.346.0407	Bondie Baker	
odnar	Mark	P/W Maintenance	760.777.7052	760.777.7154	James Lindsey	
rown	Mike	City of Palm Desert Public Works	760.272.6365	760.341.7098	Mike Brown	
echin	Terry	City of Palm Desert Public Works	760.272.6365	760.341.7098	Mike Brown	
umpton	Howard	City of LaQuinta/Public Works	760.777.7044	760.777.7155	Brian Ching	
urshad	Majeed	Transportation	760.863.8267	760.863.7040	Estella Baier	
anji	Ciros	Transportation	760.863.8267	760.863.7040	Estella Baier	
arcia	Alex	City of San Jacinto/Streets	951.487.7386	951.487.7382	Barry Muncock	
umilton	Scott	P/W Maintenance	760.777.7052	760.777.7154	James Lindsey	
askell	Ben	City of San Jacinto/Parks	951.487.7386	951.487.7382	Barry Muncock	
arnandez	Paul	City of San Jacinto/Parks	951.487.7386	951.487.7382	Barry Muncock	
lliard	Kenneth	City of San Jacinto/Water	951.487.7386	951.487.7382	Barry Muncock	
chell	Steve	P/W Maintenance	760.777.7052	760.777.7154	James Lindsey	
ach	Mike	City of San Jacinto/Streets	951.487.7386	951.487.7382	Barry Muncock	
pez	Frank	City of Corona	951.736.2248	760.736.2470	Michele Colbert	
urtinez	Joe	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call	
urtinez	Raoul	City of La Quinta	760.777.7044	760.777.7155	Brian Ching	
endoza	Jesse	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call	
uncock	Barry	City of San Jacinto/Streets	951.487.7386	951.487.7382	Barry Muncock	
win	Morgan	City of Hemet/Public Works	951.765.3880	951.765.3878	Linda Nixon	
on	Linda	City of Hemet/Public Works	951.765.3880	951.765.3878	Linda Nixon	
gent	Richard	City of San Jacinto/Water	951.487.7386	951.487.7382	Barry Muncock	
cina	Demetrio	P/W Maintenance	760.777.7052	760.777.7154	James Lindsey	
leffier	Bruce	Public Works	760.776.0237	760.346.0407	Bondie Baker	

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE INSPECTIONS**  
**SIGN-IN SHEET**

Meeting of: September 20, 2005 8 a.m - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Medina	Julio	RivCoCodeEnforcement	791.3620	791.3606	Bert Biggs	
Latella	Lou	RivCoCodeEnforcement	791.3620	791.3606	Bert Biggs	
Rich	Robert	Canyon Lake Bldg Dept	951.244.2955	951.246.2022	Robert Rich	<i>Robert Rich</i>
Rodriguez	Robert	CVWD	760.398.2661		Javier Miranda	<i>Robert Rodriguez</i>
Romero	Mike	City of LaQuinta/Public Works	760.777.7044	760.777.7155	Brian Ching	<i>Robert Rodriguez</i>
Reneve	Dave	City of Corona	951.736.2248	760.736.2470	Michele Colbert	<i>Robert Rodriguez</i>
Raigh	James	P/W Maintenance	760.777.7052	760.777.7154	James Lindsey	
Rample	Richard	Public Works	760.776.0237	760.346.0407	Bondie Baker	<i>Richard J</i>
Ramos	Henry	CVWD	760.398.2661		Javier Miranda	<i>Henry</i>
Risbrich	Kurt	City of Indio	760.342.6530	760.342.6590	Kurt Weisbrich	
Romudrio	Anthony	Code Enforcement	951.830.8619	951.275.8791	Brian Bealer	<i>Anthony</i>
RIVERS	ERNEST	Public Work P.D.	760.346-5228			<i>Ernest</i>
RIVERS	Jose	Public Work P.I.	760.346-0611			<i>Jose</i>
RIVERS	Ricardo	Public Works P.D.	760-346-0611		Jay Muenzack	<i>Ricardo</i>
RIVERS	REZA	city of Indian Wells	760-346-2889			<i>REZA</i>
RIVERS	Bruce	Five T.W.	760.230			<i>Bruce</i>
RIVERS	<del>XXXXXXXXXX</del>	<del>XXXXXXXXXX</del>	<del>XXXXXXXXXX</del>			<del>XXXXXXXXXX</del>
<b>total</b>	<b>37</b>					

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- CONSTRUCTION SITE ACTIVITIES -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Wednesday, September 28, 2005 - Half-Day Training  
8:00 A.M. – 11:00 A.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street – Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** Riverside County NPDES Municipal Stormwater (MS4) Permits require annual training. Santa Ana RWQCB Permit also requires new employees receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Construction Site Inspectors
- Code Enforcement Staff
- Public Works Maintenance Staff
- Building & Safety Staff

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Overview of General Construction Permit
- Site Inspection Responsibilities
- Enforcement Options
- Erosion/Sediment Control BMPs
- Storm Water Pollution Prevention Plans
- Municipal Stormwater Permit Requirements
- Runoff Sampling and Analysis
- Post Construction BMPs

**TO REGISTER:** Please COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-CharleneWarren@co.riverside.ca.us. Please bring a copy of your completed Registration form to the Training. **Registration deadline is September 12, 2005. Seating is limited, so Register early!**

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please circle desired training date(s) and indicate number of attendees. Attach additional sheet if needed.

September 28, 2005 - Number of attendees \_\_\_\_\_

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES  
SIGN-IN SHEET**

Meeting on: September 28, 2005 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	Signature
Armstrong	Doug	City of Temecula/PW	951.694.6411	951.694.6475	Jerry Alegria	<i>[Signature]</i>
Baier	Thomas	City of Moreno Valley			Greg Cain	<i>[Signature]</i>
Baioa	John	City of Moreno Valley	951.413.3165		Greg Cain	<i>[Signature]</i>
Baird	Pamela	EDA	951.955.6691	951.955.6686	Pamela Baird	<i>[Signature]</i>
Biggs	Bert	Code Enforcement	951.791.3617	951.791.3606	Chet Panique	<i>[Signature]</i>
Bowles	Mark	Transportation	951.955.6739	951.955.6797	Mojahed Salama	<i>[Signature]</i>
Boyden	George	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call	<i>[Signature]</i>
Brown	Gregory	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Castellanos	Eduardo	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Chang	George	City of Moreno Valley			Greg Cain	<i>[Signature]</i>
Cocina	Jose	Transportation	951.685.7331	951.685.6931	Brian Recksiek	<i>[Signature]</i>
Colbert	Michele	City of Corona			Michele Colbert	<i>[Signature]</i>
Constantino	Cristy	Bldg & Safety	951.955.2569	951.955.2023	Steve Dondalski	<i>[Signature]</i>
Humming	Jack	Transportation	951.955.1095		Carol Lynn Anderson	<i>[Signature]</i>
Metwiler	Harvey	City of LaQuinta/Public Works	760.777.7044	760.777.7155	Brian Ching	<i>[Signature]</i>
Polley	Darius	Transportation	951.685.7331	951.685.6931	Brian Recksiek	<i>[Signature]</i>
Dondalski	Steve	Bldg & Safety	951.955.2569	951.955.2023	Steve Dondalski	<i>[Signature]</i>
Unlap	Joe	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call	<i>[Signature]</i>
Wilder	Lisa	Transportation	951.955.6739	951.955.6797	Mojahed Salama	<i>[Signature]</i>
Wright	Lohr	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call	<i>[Signature]</i>
Wynley	Anthony	EDA	951.955.6691	951.955.6686	Pamela Baird	<i>[Signature]</i>
Wynley	Delia	EDA	951.955.6691	951.955.6686	Pamela Baird	<i>[Signature]</i>
Wynley	Nimrod	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Wynley	Douglass	Transportation	951.955.1095		Carol Lynn Anderson	<i>[Signature]</i>
Wynley	Arturo	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Wynley	Donald	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Wynley	Kevin	Transportation	951.955.6739	951.955.6797	Mojahed Salama	<i>[Signature]</i>
Wynley	Eddie	City of Moreno Valley			Greg Cain	<i>[Signature]</i>
Wynley	Jose	Transportation	951.955.1095		Carol Lynn Anderson	<i>[Signature]</i>

Training Location: Riverside County Flood Control and Water Conservation District

NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES  
SIGN-IN SHEET

Meeting of: September 28, 2005 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT
Green	Sandra	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Gross	Leanne	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Guise	Joshua	Transportation	951.685.7331	951.685.6931	Brian Recksiek
Hammond	Cory	City of Murrieta/Public Works Inspection	951.761.6075	951.698.4509	Farida Naceem
Hardin	Paul	EDA Aviation	951.600.8591	951.698.7920	Tom Turner
Hodson	Jack	City of Temecula/PW	951.694.6411	951.694.6475	Jerry Alegria
Hylkema	David	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
Istik	Rob	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Jafari	Reza	AKM Consulting	949.637.3999	951.808.9414	Safa Kamangar
Jaurez	Carlos	City of Moreno Valley			Greg Cain
Jimenez	Joel	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Kamangar	Safa M.	AKM Consulting	949.637.3999	951.808.9414	Safa Kamangar
Lopez	Alfredo	Transportation	951.685.7331	951.685.6931	Brian Recksiek
Lopez	Rene	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Macia	Mario	Transportation	951.685.7331	951.685.6931	Brian Recksiek
Mah	Ben	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
McLain	Chris	City of Murrieta/Public Works Inspection	951.761.6075	951.698.4509	Farida Naceem
Miller	Bob	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Mowrer	Florence	RCFC	951.955.4954	951.684.8409	Florence Mowrer
Munoz	Gabriel	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
Naceem	Farida	City of Murrieta/Public Works Inspection	951.761.6075	951.698.4509	Farida Naceem
Naney	Penny	RCFC	951.955.1325	951.684.8409	Penny Nanney
Ortega	David	RCFC	951.955.4390	951.684.8409	Steve Clark
Palmer	Jim	Code Enforcement	951.791.3617	951.791.3606	Chet Panique
Pannuneri	Ruebin	City of Moreno Valley	951.413.3165		Greg Cain
Petric	Ernest	City of Moreno Valley			Greg Cain
Ray	Michael	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Reid	Gary	City of Corona DWP	951.279.3597	951.279.3695	Gary Reid

Training Location - Riverside County Flood Control and Water Conservation District

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES**  
**Meeting of: September 28, 2005 8 a.m. - 11 a.m. SIGN-IN SHEET**

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT
Richardson	Jerry	Transportation	951.685.7331	951.685.6931	Brian Recksiek
Roth	Luana	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
Salama	Mojahed	Transportation	951.955.6739	951.955.6797	Mojahed Salama
Schupp	Joe	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Wilson	Nick	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
St. Sauver	Leonard	City of La Quinta	760.777.7044	760.777.7155	Brian Ching
Stonking	Mark	City of Murrieta/Public Works Inspection	951.761.6075	951.698.4509	Farida Naceem
Stutch	Jeff	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Thompson	Tina	RCFC	951.955.8602		Tina Tuason
Thayer	Randy	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Vanille	James	City of Moreno Valley	951.413.3165		James Willem
Wilson	Art	City of Moreno Valley			Greg Cain
Wass	George	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
Wapen	Evangelina	Waste Management	951.486.3277	951.486.3250	Olivia Acosta

*MANUEL*  
*TLMA Cost Enforcement 951.538.7975*

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES**  
**SIGN-IN SHEET**

Meeting of: September 28, 2005 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT
Richardson	Jerry	Transportation	951.685.7331	951.685.6931	Brian Reckstiek
Roth	Luana	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
Salama	Mojahed	Transportation	951.955.6739	951.955.6797	Mojahed Salama
Schupp	Joe	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Sison	Nick	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
St. Sauver	Leonard	City of La Quinta	760.777.7044	760.777.7155	Brian Ching
Stoneking	Mark	City of Murrieta/Public Works Inspection	951.761.6075	951.698.4509	Farida Naceem
Sutch	Jeff	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Tauson	Tina	RCFC	951.955.8602		Tina Tuason
Taylor	Randy	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Willem	James	City of Moreno Valley	951.413.3165		James Willem
Wilson-Thompson	Art	City of Moreno Valley			Greg Cain
Yassa	George	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
Zapfen	Evangeline	Waste Management	951.486.3277	951.486.3250	Olivia Acosta

14/lett Jeff Riverside County  
 MESA JULIO TRANS COUNTY OF RIV.  
 OHR ERIC RIV. CO. TRANS 951 955-1845 951 276-9648 MIKE CALL  
 MAU PAT CITY TEMECULA 951 6944411  
 J. J. Tella CAR Code Enf., Riv. Co.  
 Arcueto Manuel TLMA Code Enforcement  
 \_\_\_\_\_ See other page

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES**  
**SIGN-IN SHEET**

Meeting of: September 28, 2005 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	Signature
Armstrong	Doug	City of Temecula/PW	951.694.6411	951.694.6475	Jerry Alegria	
Baier	Thomas	City of Moreno Valley			Greg Cain	
Baioa	John	City of Moreno Valley	951.413.3165		Greg Cain	
Baird	Pamela	EDA	951.955.6691	951.955.6686	Pamela Baird	
Biggs	Bert	Code Enforcement	951.791.3617	951.791.3606	Chet Panique	
Bowles	Mark	Transportation	951.955.6739	951.955.6797	Mojahed Salama	
Boydin	George	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call	
Brown	Gregory	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Castellanos	Eduardo	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Chang	George	City of Moreno Valley			Greg Cain	
Cocina	Jose	Transportation	951.685.7331	951.685.6931	Brian Recksiek	
Colbert	Michele	City of Corona			Michele Colbert	
Constantino	Cristy	Bldg&Safety	951.955.2569	951.955.2023	Steve Dondalski	
Cummings	Jack	Transportation	951.955.1095		Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Detwiler	Harvey	City of LaQuinta/Public Works	760.777.7044	760.777.7155	Brian Ching	
Dolley	Darius	Transportation	951.685.7331	951.685.6931	Brian Recksiek	
Dondalski	Steve	Bldg&Safety	951.955.2569	951.955.2023	Steve Dondalski	
Dunlap	Joe	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call	
Elder	Lisa	Transportation	951.955.6739	951.955.6797	Mojahed Salama	
Etric	Lohr	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call	
Finley	Anthony	EDA	951.955.6691	951.955.6686	Pamela Baird	
Fores	Delia	EDA	951.955.6691	951.955.6686	Pamela Baird	
Gray	Nimrod	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	<i>A Gray</i>
Gardenias	Douglas	Transportation	951.955.1095		Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Garcia	Arturo	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Gerber	Donald	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Hette	Kevin	Transportation	951.955.6739	951.955.6797	Mojahed Salama	
Hedinez	Eddie	City of Moreno Valley			Greg Cain	
Honzales Jr.	Jose	Transportation	951.955.1095		Carol Lynn Anderson	

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES**  
**SIGN-IN SHEET**

Meeting of: September 28, 2005 8 a.m. -11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT
Green	Sandra	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Gross	Leanne	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Gruise	Joshua	Transportation	951.685.7331	951.685.6931	Brian Recksiek
Hammond	Cory	City of Murrieta/Public Works Inspection	951.761.6075	951.698.4509	Farida Naceem
Hardin	Paul	EDA Aviation	951.600.8591	951.698.7920	Tom Turner
Hodson	Jack	City of Temecula/PW	951.694.6411	951.694.6475	Jerry Alegria
Iyikema	David	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
Ittik	Rob	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Mafari	Reza	AKM Consulting	949.637.3999	951.808.9414	Safa Kamangar
Mazurek	Carlos	City of Moreno Valley			Greg Cain
Menez	Joel	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Manangar	Safa M.	AKM Consulting	949.637.3999	951.808.9414	Safa Kamangar
Mopez	Alfredo	Transportation	951.685.7331	951.685.6931	Brian Recksiek
Mopez	Rene	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Macia	Mario	Transportation	951.685.7331	951.685.6931	Brian Recksiek
Mah	Ben	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
McLain	Chris	City of Murrieta/Public Works Inspection	951.761.6075	951.698.4509	Farida Naceem
Miller	Bob	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Mowrer	Florence	RCFC	951.955.4954	951.684.8409	Florence Mowrer
Munoz	Gabriel	TLMA Const. Inspection	951.955.8614	951.276.9648	Mike Call
Naceem	Farida	City of Murrieta/Public Works Inspection	951.761.6075	951.698.4509	Farida Naceem
Naney	Penny	RCFC	951.955.1325	951.684.8409	Penny Nanney
Ntega	David	RCFC	951.955.4390	951.684.8409	Steve Clark
Numer	Jim	Code Enforcement	951.791.3617	951.791.3606	Chet Panique
Numeri	Ruebin	City of Moreno Valley	951.413.3165		Greg Cain
Noriega	Ernest	City of Moreno Valley			Greg Cain
Ny	Michael	Waste Management	951.486.3277	951.486.3250	Olivia Acosta
Od	Gary	City of Corona DWP	951.279.3597	951.279.3695	Gary Reid

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- CONSTRUCTION SITE ACTIVITIES -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Monday, March 20, 2006 - Half-Day Training  
8:00 A.M. – 11:00 A.M.

**WHERE:** Riverside County Flood Control & Water Conservation District  
1995 Market Street – Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** The Riverside County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permits require annual training. The Santa Ana Regional Water Quality Control Board (RWQCB) Permit also requires new employees to receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Construction Site Inspectors
- Code Enforcement Staff
- Public Works Maintenance Staff
- Building & Safety Staff

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Overview of General Construction Permit
- Site Inspection Responsibilities
- Enforcement Options
- Erosion/Sediment Control Best Management Practices (BMPs)
- Municipal Stormwater Permit Requirements
- Runoff Sampling and Analysis
- Post Construction BMPs
- Constituents of Concern in Urban Runoff from Construction Site Activities
- Storm Water Pollution Prevention Plans (SWPPP)

**TO REGISTER:** PLEASE COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). **Registration deadline is March 10, 2006.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please indicate number of attendees. Attach additional sheet if needed.  
**March 20, 2006** - Number of attendees \_\_\_\_\_

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES**  
SIGN-IN SHEET

Meeting of: March 20, 2006 8 a.m. -11 a.m.

Page 1

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Agres	Pete	Palm Springs Public Work	760.323.8169	760.322.5581	Sherman Ferguson	<i>[Signature]</i>
Allen	Ron	Public Works	951.640.1627	951.769.3826	John Wilder	<i>[Signature]</i>
Aranda	Nicholas	Transportation	951.685.7331	951.685.6931	Byron Reckstiek	<i>[Signature]</i>
Arellano	Agustin	LaQuinita/Public Works	760.777.7052	760.777.7154	James Lindsay	<i>[Signature]</i>
Bailey	Regan	City of Riverside	951.351.6095	951.687.6978	Regan Bailey	<i>[Signature]</i>
Batten	Tim	LaQuinita/Public Works	760.777.7052	760.777.7154	James Lindsay	<i>[Signature]</i>
Bender	Randy	City of Corona	951.736.2248	951.736.2470	Michele Colbert	<i>[Signature]</i>
Bess	Mickey	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray	<i>[Signature]</i>
Boyden	George	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Bylund	Lloyd	TLMA/B&S Mo Val	951.485.5852	951.485.4938	Gerry Mullen	<i>[Signature]</i>
Call	Mike	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Castaneda	Ruben	LaQuinita/Public Works	760.777.7052	760.777.7154	James Lindsay	<i>[Signature]</i>
Castillo	Paul	Environmental/Waste/Mgmt	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Che	Jay	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray	<i>[Signature]</i>
Clarke	Rusty	City of Riverside	951.826.2412	951.351.6324	Stephanie Heyl	<i>[Signature]</i>
Conner	Aurora	Waste Mgmt.	951.486.3248	951.486.3250	Leanne Gross	<i>[Signature]</i>
Conrad	Deby	City of LaQuinta/ CodeComp	760.777.7022	760.777.7011	Deby Conrad	<i>[Signature]</i>
Contreras	Gabriel	TLMA	951.955.1826	951.955.1806	David Leonard	<i>[Signature]</i>
Crum	Doyle	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Davis	Mike	Transportation	951.685.7331	951.685.6931	Byron Reckstiek	<i>[Signature]</i>
Dunlap	Joe	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Estrada	Robert	Public Works	951.922.3130	951.922.3141	Estrada, Robert	<i>[Signature]</i>
Eva	Ninette	City of Corona	951.736.2248	951.736.2470	Michele Colbert	<i>[Signature]</i>
Ferguson	Sherman	Palm Springs Public Work	760.323.8169	760.322.5581	Sherman Ferguson	<i>[Signature]</i>
Fite	Rick	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Gascoigne	Ted	TLMA	951.955.1826	951.955.1806	David Leonard	<i>[Signature]</i>
Gill	Jim	TLMA	951.955.1826	951.955.1806	David Leonard	<i>[Signature]</i>
Gutierrez	Henry	Transportation	951.685.7331	951.685.6931	Byron Reckstiek	<i>[Signature]</i>

*Andrew Emery Riverside 951.826.2021*

# NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES

Meeting of: March 20, 2006 8 a.m. - 11 a.m.

SIGN-IN SHEET

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT
Hall	Tom	City of Corona	951.736.2248	951.736.2470	Michele Colbert
Hand	Bobby	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Horton	Ron	Transportation	951.245.3374		Suzanne Gillette
Herrera	George	Palm Springs Public Work	760.323.8169	760.322.5581	Sherman Ferguson
Ignacio	Al	Public Works	951.640.1627	951.769.3826	John Wilder
Jackson	Herb	Palm Springs Public Work	760.323.8169	760.322.5581	Sherman Ferguson
Jensen	Dave	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray
Johnson	Paul	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray
Kennedy	John	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Kerr	Jay	Transportation	951.685.7331	951.685.6931	Byron Recksiek
Kraak	Scott	Environmental/WasteMgmt	951.486.3277	951.486.3250	Olivia Acosta
Ladnier	Brian	City of Corona	951.736.2248	951.736.2470	Michele Colbert
Lee	Kyung-Yol	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray
Lopez	Albert				John Kennedy
Mader II	Tom				John Kennedy
Martinez	Rene	Palm Springs Public Work	760.323.8169	760.322.5581	Sherman Ferguson
Martinez	Joe	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Martinez	Rudy	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
McCall	Laef	Transportation	951.685.7331	951.685.6931	Byron Recksiek
McCombs	Gregory	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray
Meredith	Kevin	City of LaQuinta/ CodeComp	760.777.7022	760.777.7011	Deby Conrad
Mina	Fouad	Waste Mgmt.	951.486.3248		Leanne Gross
Misuraca	Jackie	City of LaQuinta/ CodeComp	760.777.7022	760.777.7011	Deby Conrad
Mitchell	Dave	City of Corona	951.736.2248	951.736.2470	Michele Colbert
Mixon	Keith	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray
Moen	Dave	Transportation	951.685.7331	951.685.6931	Byron Recksiek
Moreno	Byron	Transportation	951.685.7331	951.685.6931	Byron Recksiek
Moss	Gary	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES**  
**SIGN-IN SHEET**

Meeting of: March 20, 2006 8 a.m. -11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT
Mullen	Gerry	TLMA/B&S Mo Val	951.485.5852	951.485.4938	Suzanne Back
Neal	Mike	Public Works	951.640.1627	951.769.3826	John Wilder
Ninette	Eva	Public Works	951.736.2248	951.736.2470	Michele Colbert
Nunez	Remi	City of Corona	951.736.2248	951.736.2470	Michele Colbert
Ochs	Dave	Public Works	951.640.1627	951.769.3826	John Wilder
Olmeda	Vic	Bldg&Safety	951.955.2095		Vic Olmeda
Ozowara	Denis	Waste Mgmt.	951.486.3248		Leanne Gross
Pando	Ismael	City of Hemet	951.765.3878		Linda Nixon
Parker	Ted	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Peppas	Bill	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray
Perales	Derick	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Perez	Claudia	Transportation	951.955.2902		Claudia Perez
Place	Joe	Transportation	951.685.7331	951.685.6931	Byron Recksiek
Potts	Jeff	City of Corona	951.736.2248	951.736.2470	Michele Colbert
Ramek	Mike	Bldg&Safety	951.600.6121	951.900.6105	Charles Ray
Raymond	Don	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Reynolds	Dave	TLMA	951.955.1826	951.955.1806	David Leonard
Rich	Robert	Building	951.244.2955	951.246.2022	Robert Rich
Rodarte	Moises	City of LaQuinta/ CodeComp	760.777.7022	760.777.7011	Deby Conrad
Shaver	Jim	TLMA	951.955.1826	951.955.1806	David Leonard
Shelton	John	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Sison	Nick	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Stephenson	Brian	Waste Mgmt.	951.486.3248		Leanne Gross
Stewart	Molly	Environmental/WasteMgmt	951.486.3277	951.486.3250	Olivia Acosta
Tate	Jane	TLMA	951.955.1826	951.955.1806	David Leonard
Tejeda	Gabriel	TLMA	951.955.1826	951.955.1806	David Leonard
Thibault	-Dave	Public Works			David Leonard

MAEISCAL PAUL Public Works 951-538-6764

*[Handwritten signature]*

**NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES  
SIGN-IN SHEET**

Meeting of: March 20, 2006 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT
Todd	Tom	Bldg & Safety	951.600.6121	951.900.6105	Charles Ray
Toth	Steve	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Toczek	Rick	Bldg & Safety	951.600.6121	951.900.6105	Charles Ray
Trujillo	Greg	TLMA	951.955.1826	951.955.1806	David Leonard
Wagner	Roger	City of Riverside	951.826.2412	951.351.6324	Stephanie Heyl
Wann	Steven	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Wee Eng	Edward	Waste Mgmt.	951.486.3248		Leanne Gross
Wilson	Barry	Bldg & Safety	951.600.6121	951.900.6105	Charles Ray
Wilson	Jim	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson
Workman	Panda	Environmental/WasteMgmt	951.486.3277	951.486.3250	Olivia Acosta
Yassa	George	Transportation/Construction	951.955.1095	951.955.6721	Carol Lynn Anderson

*Miller Royce*  
**COLLINS MICHAEL**  
 KLAARENBECK, RENDELL  
 DAVE Ochs  
 MIKE Vela  
 Mike Wilkey  
 JUAN RAY  
 Jim ACHFF  
~~Jim ACHFF~~  
 EKLUND, GRANT  
 ART VAMER

*Build & Safety*  
**BLDG & SAFETY**  
 BLDG & SAFETY  
 CITY B.  
 City of Indio  
 City of Indio (661) 202-1347  
 CITY OF INDO  
 CITY OF INDO  
 CITY OF INDO - BLDG/SAFETY (760) 342-6500  
 CITY OF INDO - BLDG/SAFETY (760) 342-6500

951 600 6111  
 951 600 6118  
 951 600 6479  
 951 906 9224  
 775 5866

Troy Powell  
**TROY POWELL**  
 TROY POWELL  
 DOUGLAS HAWKAT  
 M. Galvin  
 M. Galvin  
 TROY POWELL  
 DOUGLAS HAWKAT  
 Mike Wilkey  
 J N Ouy  
 J N Ouy

(97)

Thomas Comery

Wing of Riverside

Park & Kee

(971) 266-2024

(771) 266-6034

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- CONSTRUCTION SITE ACTIVITIES -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Wednesday, March 29, 2006 - Half-Day Training  
1:00 P.M. – 4:00 P.M.

**WHERE:** Riverside County Flood Control & Water Conservation District  
1995 Market Street – Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** The Riverside County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permits require annual training. The Santa Ana Regional Water Quality Control Board (RWQCB) Permit also requires new employees to receive training within six months of hire.

**WHO SHOULD ATTEND:**

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- Public Works Maintenance Staff
- Building & Safety Staff

**WORKSHOP TOPICS:**

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- Site Inspection Responsibilities
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- Municipal Stormwater Permit Requirements
- Runoff Sampling and Analysis
- Post Construction BMPs
- Constituents of Concern in Urban Runoff from Construction Site Activities
- Storm Water Pollution Prevention Plans (SWPPP)

**TO REGISTER:** PLEASE COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). **Registration deadline is March 17, 2006.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please indicate number of attendees. Attach additional sheet if needed.  
**March 29, 2006** - Number of attendees \_\_\_\_\_

Modular Res. Amir City of Indio 760.342.6530

NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES  
SIGN-IN SHEET

Meeting of: March 29, 2006 1 p.m. - 4 p.m.

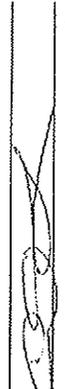
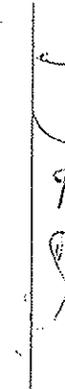
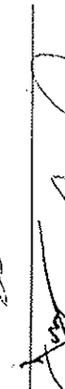
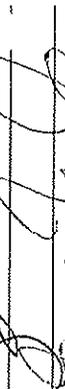
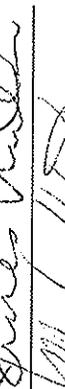
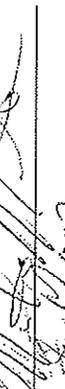
LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Anderson	William	Transportation	951.955.6889	951.955.6832	Matt Sayre	
Axtell	Joe	Transportation/Const/Inspec	951.955.1095	951.955.6721	Carol Lynn Anderson	
Ayala	Danny	Transportation/Const/Inspec	951.955.1095	951.955.6721	Carol Lynn Anderson	
Berg	Mark	TLMA	951.955.4678	951.600.6121	Mark Berg	
Boal	Shad	TLMA	951.955.1826	951.955.1806	David Leonard	
Bravo	Tracy	Transportation	951.955.6889	951.955.6832	Matt Sayre	
Brewington	John	Grading	760.863.7540		John Brewington	
Carrera	Richard	TLMA	951.955.1826	951.955.1806	David Leonard	
Chase	Richard	Waste	951.486.3248	951.486.3305	Leanne Gross	
Clayton	Kris	Waste	951.486.3248	951.486.3305	Leanne Gross	
Clement	Troy	Public Works	951.640.1627	951.769.3826	John Wilder	
Cluff	Rob	Bldg&Safety	760.347.7423 ext 511	760.347.5741	Jody Reed	
Contrado	John	Public Works/Corona			Michele Colbert	
Copeland	Jerry	Waste	951.486.3248	951.486.3305	Leanne Gross	
Cortez	Andrew	Waste	951.486.3248	951.486.3305	Leanne Gross	
Cuthbertson	Dan	Public Works	951.270.5607	951.735.0186	Terry Piotrowski	
Dagenais	Ken	Public Works/Corona			Michele Colbert	
Edwards	Bob	Bldg&Safety	951.955.2569	951.955.2023	Steve Dondalski	
Farshad	Majeed	Transportation/Desert	951.955.1095	951.955.6721	Carol Lynn Anderson	
Fernandez	Daniel	TLMA	951.955.1826	951.955.1806	David Leonard	
Flores	Roger	Transportation	951.955.6889	951.955.6832	Matt Sayre	
Ganji	Ciros	Transportation/Desert	951.955.1095	951.955.6721	Carol Lynn Anderson	
George	Kenneth	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Gheorghe	Sam	City of Banning/ Bldg&Safety	951.922.3121	951.922.3128	Linda Witham	
Gill	Jim	TLMA	951.955.1826	951.955.1806	David Leonard	
Gow	Jeff	Waste	951.486.3248	951.486.3305	Leanne Gross	
Gregory	Gerry	Waste	951.486.3248	951.486.3305	Leanne Gross	
Gullett	Jeffery	Transportation	951.955.6889	951.955.6832	Matt Sayre	
Hastrawser	Tim		2006293		Charles Ray	

1990 Bib... Dick Sharp P.O. CO Charles DeChansen Bk SE

# NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES

Meeting of: March 29, 2006 1 p.m. - 4 p.m.

SIGN-IN SHEET

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Hosey	Tom	Bldg&Safety	760.347.7423 ext 511	760.347.5741	Jody Reed	
Hylkema	David	Transportation/ConstInspec	951.955.1095	951.955.6721	Carol Lynn Anderson	
Jackson	Bill	Transportation/ConstInspec	951.955.1095	951.955.6721	Carol Lynn Anderson	
Janda	Joe	Public Works	951.640.1627	951.769.3826	John Wilder	
Jediny	George	TLMA	951.955.1826	951.955.1806	David Leonard	
Joseph	Larry	Waste	951.486.3248	951.486.3305	Leanne Gross	
Lee	Michael	Waste	951.486.3248	951.486.3305	Leanne Gross	
Leonard	David	TLMA	951.955.1826	951.955.1806	David Leonard	
Lohr	Eric	Transportation/ConstInspec	951.955.1095	951.955.6721	Carol Lynn Anderson	
London	Derick	TLMA	951.955.1826	951.955.1806	David Leonard	
Lopez	Frank	Public Works/Corona			Michele Colbert	
Macalalad	Yolanda	Public Works/Corona			Michele Colbert	
Malone	Mike	Bldg&Safety	951.955.2569	951.955.2023	Steve Dondalski	
Mariseal	Paul	Public Works	951.640.1627	951.769.3826	John Wilder	
Matye	Ben	Waste	951.486.3248	951.486.3305	Leanne Gross	
Mayo	Laurel	Bldg&Safety	951.955.2569	951.955.2023	Steve Dondalski	
McCall	Mac	Public Works	951.765.3878		Linda Nixon	
Megh	Jerry	City of Banning/ Bldg&Safety	951.922.3121	951.922.3128	Linda Witham	
Mendoza	Jesse	Transportation/ConstInspec	951.955.1095	951.955.6721	Carol Lynn Anderson	
Miller	Arthur	TLMA	951.955.1826	951.955.1806	David Leonard	
Montoya	Mike	City of Riverside/ Bldg&Safety	951.826.5719	951.826.5622	Mike Montoya	
Moore	Fred	Bldg&Safety	760.863.8271	760.863.7040	Fred Moore	
Munoz	Gabriel	Transportation/ConstInspec	951.955.1095	951.955.6721	Carol Lynn Anderson	
Nichols	Ann	Grading	760.863.7540		John Brewington	
Octovio	Dominick	Bldg&Safety	760.863.8271	760.863.7040	Fred Moore	
Parsons	Mike	Public Works	951.640.1627	951.769.3826	John Wilder	
Rainsbury	Steven	TLMA	951.955.1826	951.955.1806	David Leonard	
Raymond	Don	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Johnson	Brenda	JPD	760.347.8522	760.347.4317	Sgt. Standfield	

# NPDES STORMWATER QUALITY TRAINING FOR CONSTRUCTION SITE ACTIVITIES

Meeting of: March 29, 2006 1 p.m. - 4 p.m.

SIGN-IN SHEET

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Stroud	Jennifer	JPD	760.347.8522	760.347.4317	Sgt. Standfield	
Eastman	Greg	JPD	760.347.8522	760.347.4317	Sgt. Standfield	
Anderson	Jason	JPD	760.347.8522	760.347.4317	Sgt. Standfield	
Rhodes	Kevin	Waste	951.486.3248	951.486.3305	Leanne Gross	
Roth	Luana	Transportation/Cons/Inspec	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Ruvalcaba	Rosario	Public Works/Corona			Michele Colbert	<i>Michele Colbert</i>
Sayre	Melvyn M.	Transportation	951.955.6889	951.955.6832	Matt Sayre	<i>Matt Sayre</i>
Shopshear	Gary	Bldg & Safety	760.863.8271	760.863.7040	Fred Moore	<i>Fred Moore</i>
Shreve	Dave	Public Works/Corona			Michele Colbert	<i>Michele Colbert</i>
Smith	Donna	Bldg & Safety	951.955.2569	951.955.2023	Steve Dondalski	<i>Steve Dondalski</i>
Stadnik	Emily	Public Works/Corona			Michele Colbert	<i>Michele Colbert</i>
Stenson	Tim	City of Banning/ Bldg & Safety	951.922.3121	951.922.3128	Linda Witham	
Taajes	Roland	Bldg & Safety	760.347.7423 ext 511	760.347.5741	Jody Reed	
Taylor	Randy	Waste	951.486.3248	951.486.3305	Leanne Gross	<i>Leanne Gross</i>
Toth	Steve	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Trontfi	Joe				Charles Ray	<i>Charles Ray</i>
Valdez	Art	Bldg & Safety	760.347.7423 ext 511	760.347.5741	Jody Reed	
Warren	Norman	Waste	951.486.3248	951.486.3305	Leanne Gross	
Wilson	Jim	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Winkler	Paul	Bldg & Safety	760.347.7423 ext 511	760.347.5741	Jody Reed	
Yazdani	Bijan	Public Works/Corona			Michele Colbert	

HEARNS Tim Bldg & Safety 951 955 4633  
 DESAGUN DENNIS Bldg & Safety 951 600-6124  
 DAVID ZHAO " " 951-600-6152  
 SUSAN JAMES Park & Recreation R.V. 951 681-2025 Susan James  
 Juan Nunez Public Work (90) 578-7266 James Schuff  
 Gillette SUZANNE Bldg and Safety 951-245-3374 *Suzanne*

CHRIS BASH CITY OF PALM SPRINGS.  
ALBERT LOPEZ RIVERSIDE COUNTY TRANS - Albert Lopez  
Paul Winkler City of Indio PWD

Chris BASH

**INDUSTRIAL/COMMERCIAL  
FACILITY ACTIVITIES  
TRAINING**

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- INDUSTRIAL/COMMERCIAL FACILITY INSPECTIONS -**

**A NO FEE  
TRAINING -**

**DATE AND LOCATION:**

**WHEN:** Monday, September 19, 2005 - Half-Day Training  
1:00 P.M. – 4:00 P.M.

**WHERE:** Coachella Valley Association of Governments  
73-710 Fred Waring Drive, Suite 200 – Room 115  
Palm Desert, CA 92260 Phone: 760.346.1127

**TRAINING:** Riverside County NPDES Municipal Stormwater (MS4) Permits require annual training. Santa Ana RWQCB Permit also requires new employees receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Industrial/Commercial Site Inspectors
- Code Enforcement Staff
- Public Works Maintenance Staff
- Building & Safety Staff

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Overview of General Industrial Activities Storm Water Permit (GIASP)
- Municipal Stormwater Permit Requirements
- County and City Stormwater Ordinances
- Protocols for Industrial/Commercial Facilities Inspections
- Drainage Area Management Plan (DAMP) and Enforcement/Compliance procedures
- Pollution Prevention Plans (PPPs)
- Best Management Practices (BMPs)

**TO REGISTER:** Please COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). Please bring a copy of your completed Registration form to the Training. **Registration deadline is September 6, 2005.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_  
**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please circle desired training date(s) and indicate number of attendees. Attach additional sheet if needed.  
 September 19, 2005 - Number of attendees \_\_\_\_\_

# NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES

Meeting of: September 19, 2005 1 p.m. - 4 p.m.

SIGN-IN SHEET

Page 1

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Asgharpour	Reza	Public Works	760.776.0237	760.346.0407	Bondie Baker	
Beltran	Richard	EDA Aviation	951.600.8591	951.698.7920	Tom Turner	<i>Richard Beltran</i>
Creason	Matt	Public Works	760.776.0237	760.346.0407	Bondie Baker	<i>Matt Creason</i>
Delgado	Eddie	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	<i>Eddie Delgado</i>
Diaz	Irma	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	<i>Irma Diaz</i>
Dunwp <del>Dunwp</del>	Randy	C.V.W.D.	760.398.2651	760.398.9638	Joe Barhan	<i>Randy Dunwp</i>
English	Dave	EDA Aviation	951.600.8591	951.698.7920	Tom Turner	
Fellman	Irene	Env Health	951.955.3910	951.781.9653	Damian Meins	<i>Irene Fellman</i>
Gaito	Mandy	Env Health	951.955.3910	951.781.9653	Damian Meins	<i>Mandy Gaito</i>
Gianos	George	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	<i>George Gianos</i>
Haerberle	Allan	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	<i>Allan Haerberle</i>
Haerberle	Vicki	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	<i>Vicki Haerberle</i>
Herrera	Hector	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	<i>Hector Herrera</i>
Holk	Laurie	Env Health	951.955.3910	951.781.9653	Damian Meins	<i>Laurie Holk</i>
Johns	David	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	<i>David Johns</i>
Misuraca	Jackie	City of LaQuinta	760.777.7044	760.777.7155	Brian Ching	
Pelletier	Bruce	Public Works	760.776.0237	760.346.0407	Bondie Baker	
Polk	Bob	C.V.W.D.	760.398.2651	760.398.9638	Joe Barhan	
Ramirez	Gilbert	C.V.W.D.	760.398.2651	760.398.9638	Joe Barhan	
Rodarte	Moises	City of LaQuinta	760.777.7044	760.777.7155	Brian Ching	<i>Moises Rodarte</i>
Smith	Clarence	EDA Aviation	951.600.8591	951.698.7920	Tom Turner	<i>Clarence Smith</i>
Watkins	John	Env Health	951.955.3910	951.781.9653	Damian Meins	<i>John Watkins</i>
Young	Lance	C.V.W.D.	760.398.2651	760.398.9638		<i>Lance Young</i>
Rowlings	DAN	C.V.W.D.	398.2651.8921			<i>DAN Rowlings</i>
Total 22			11			
Ruelas	Fernando	C.V.W.D.	398.2651.8921	398.2651.8921	Lance Y.	<i>Fernando Ruelas</i>

**NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES**

Meeting of: September 19, 2005 1 p.m. - 4 p.m.

**SIGN-IN SHEET**

Page 2

NAME	CODE					
Kilpatrick	Shanna	CODE E				S. M. Kalyden
Rodriguez	Pedro	Cozen Forestry				Richard Kalyden
Albin	Michael	code. EAB				Michael Kalyden
Baza	Asgharpour	City of Indian Wells				R. Asgharpour
Chlebicki	Brine	Indian Wells				Brine
TERSEAR	Johnny	CODE				TERSEAR

70

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- INDUSTRIAL/COMMERCIAL FACILITY INSPECTIONS -**

**A NO FEE  
TRAINING -**

**DATE AND LOCATION:**

**WHEN:** Monday, September 26, 2005 - Half-Day Training  
8:00 A.M. – 11:00 A.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street – Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** Riverside County NPDES Municipal Stormwater (MS4) Permits require annual training. Santa Ana RWQCB Permit also requires new employees receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Industrial/Commercial Site Inspectors
- Code Enforcement Staff
- Public Works Maintenance Staff
- Building & Safety Staff

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Overview of General Industrial Activities Storm Water Permit (GIASP)
- Municipal Stormwater Permit Requirements
- County and City Stormwater Ordinances
- Protocols for Industrial/Commercial Facilities Inspections
- Drainage Area Management Plan (DAMP) and Enforcement/Compliance procedures
- Pollution Prevention Plans (PPPs)
- Best Management Practices (BMPs)

**TO REGISTER:** Please COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). Please bring a copy of your completed Registration form to the Training. **Registration deadline is September 12, 2005.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please circle desired training date(s) and indicate number of attendees. Attach additional sheet if needed.  
September 26, 2005 - Number of attendees \_\_\_\_\_

# NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES

Meeting of: September 26, 2005 8 a.m. - 11 a.m.

SIGN-IN SHEET

Page 1

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Acueto	Manuel	Code Enforcement	951.830.8619	951.275.8791	Brian Bealer	
Barba	Daniel	City of San Jacinto	951.487.7321	951.487.6779	Marcee Maupin	
Bealer	Brian	Code Enforcement	951.830.8619	951.275.8791	Brian Bealer	
Kompier	Michelle	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	
Cervantes	Sara	Code Enforcement	951.830.8619	951.275.8791	Brian Bealer	
Colbert	Michelle	City of Corona/Public Works			Michele Colbert	
Costa	Stacey	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	
Estrada	Robert	City of Banning	951.922.3130		Jeff Benson	
Garcia	Arturo	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Green	Sandra	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Hofer	Sharon	City of Corona/Fire				
Istik	Rob	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Johns	David	Code Enforcement	951.830.8619	951.275.8791	Brian Bealer	
Matthews	Dave	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Maupin	Marcee	City of San Jacinto	951.487.7321	951.487.6779	Marcee Maupin	
Melendez	Jerry	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	
Montes	Lybby	City of Corona/Public Works				
Nixon	Linda	City of Hemet/Public Works	951.765.3880	951.765.3878	Linda Nixon	
Ortega	David	RCFC	951.955.4390	951.684.8409	Steve Clark	
Pineda	Julio	RivCoCodeEnforcement	791.3620	791.3606	Bert Biggs	
Pinedo	Julio	Code Enforcement	951.830.8619	951.275.8791	Brian Bealer	
Pizatella	Lou	RivCoCodeEnforcement	791.3620	791.3606	Bert Biggs	
Smith	Charlene	Code Enforcement	951.955.0105	951.955.2023	Mike Bowles	
Tabor	Leon	City of San Jacinto	951.487.7321	951.487.6779	Marcee Maupin	
Tellis	Chuck	City of San Jacinto	951.487.7321	951.487.6779	Marcee Maupin	
Temple	Richard	City of Indian Wells	760.776.0237		Bondie Baker	
Ilano	Fritzy	Riverside County Env. Health	951-955-8982	951-784-9653	John Watkins	
Skerbelis	John	Riv. COI ENV HEALTH	955 4062		John Watkins	

Total : 26



**NPDES  
STORMWATER QUALITY TRAINING FOR  
- INDUSTRIAL/COMMERCIAL FACILITY INSPECTIONS -**

**A NO FEE  
TRAINING-**

**DATE AND LOCATION:**

**WHEN:** Wednesday, March 22, 2006 - Half-Day Training  
1:00 P.M. – 4:00 P.M.

**WHERE:** Riverside County Flood Control & Water Conservation District  
1995 Market Street – Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** The Riverside County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permits require annual training. The Santa Ana Regional Water Quality Control Board (RWQCB) Permit also requires new employees to receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Industrial/Commercial Site Inspectors
- Code Enforcement Staff
- Public Works Maintenance Staff
- Building & Safety Staff

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Overview of General Industrial Activities Storm Water Permit (GIASP)
- Municipal Stormwater Permit Requirements
- County and City Stormwater Ordinances
- Protocols for Industrial/Commercial Facilities Inspections
- Drainage Area Management Plan (DAMP) and Enforcement/Compliance procedures
- Pollution Prevention Plans (PPPs)
- Best Management Practices (BMPs)
- Constituents of Concern in Urban Runoff from Industrial/Commercial Facilities

**TO REGISTER:** PLEASE COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). **Registration deadline is March 10, 2006.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_  
**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please indicate number of attendees. Attach additional sheet if needed.

March 22, 2006 - Number of attendees \_\_\_\_\_

**NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES**  
SIGN-IN SHEET

Meeting of: March 22, 2006 1 p.m. - 4 p.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Alemi	Qais	Environmental Health	760.320.1048	760.320.1470	Karen Tracy	<i>[Signature]</i>
Balancier	Darrel	Environmental Health	951.358.5172		Mary Cartagena	
Barrios	Heidi	Environmental Health	951.766.2824	951.766.7874	Lynne Wilder	<i>Heidi Barrios</i>
Brewington	John	Grading	760.863.7540		John Brewington	
Burnham	Kristen	Environmental Health	951.358.5172		Mary Cartagena	
Castillo	Paul	Waste Mgmt	951.486.3277	951.486.3250	Olivia Acosta	
Clark	Becky	Palm Springs	760.322.8364		Becky Clark	<i>[Signature]</i>
Colbert	Michele	Public Works/Corona			Michele Colbert	
Conrad	Chuck	Code Enforcement/Corona			Michele Colbert	
Cuthbertson	Dan	City of San Jacinto Public Works	951.270.5607	951.735.0186	Rose Matthews	<i>[Signature]</i>
Fonseca	Jenny	Environmental Health	760.863.8287	760.863.8303	Mike Garcia	<i>[Signature]</i>
Fregoso	Ralph	DES	951.273.9140	951.520.8319	Robin James	<i>[Signature]</i>
Garay	Nimrod					
Garcia	Mike	Environmental Health	760.863.8287	760.863.8303	Mike Garcia	<i>[Signature]</i>
Giannini	Tamara	Environmental Health	951.273.9140	951.520.8319	Tamara Giannini	<i>[Signature]</i>
Giannini	Tamara	DES	951.273.9140	951.520.8319	Robin James	<i>[Signature]</i>
Green	Sandra					
Gregory	Gerry	<i>Refuse</i>				<i>[Signature]</i>
Gribben	Robert	Environmental Health	951.358.5172		Mary Cartagena	
Ilagan	Kristine	Environmental Health	760.320.1048	760.320.1470	Karen Tracy	<i>[Signature]</i>
Kraak	Scott	Waste Mgmt	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Lewis	DeAnda	Environmental Health	760.863.8287	760.863.8303	Mike Garcia	<i>[Signature]</i>
Macalalad	Yolanda	Public Works/Corona			Michele Colbert	<i>[Signature]</i>
Merki	Dotie	Environmental Health	951.358.5172		Mary Cartagena	<i>[Signature]</i>
Moran	Dave	Environmental Health	951.358.5172		Mary Cartagena	<i>[Signature]</i>
Maupin	Marcee	City of San Jacinto			951.487.7321	<i>[Signature]</i>
Nixon	Linda	City of Hemet			Linda Nixon	
Olmeda	Vic	Bldg&Safety	951.955.2095		Vic Olmeda	<i>[Signature]</i>

**NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES**  
 Meeting on: March 22, 2006 1 p.m. - 4 p.m. SIGN-IN SHEET

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Powers	Kimberly	Fire Dept/Corona	951-278-3253		Michele Colbert	<i>[Signature]</i>
Ray	Charles				Charles Ray	<i>[Signature]</i>
Smith	Alicia	Environmental Health	951.766.2824	951.766.7874	Lynne Wilder	<i>[Signature]</i>
Stewart	Molly	Waste Mgmt	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Tepetitla	Daisy	DES	951.273.9140	951.520.8319	Robin James	<i>[Signature]</i>
Torres	Arturo					
Trinidad	Jess	DES	951.273.9140	951.520.8319	Robin James	<i>[Signature]</i>
Wallingford	Jeremy	Code Enforcement/Corona			Michele Colbert	<i>[Signature]</i>
Workman	Panda	Waste Mgmt	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>

*Royce Greg E.H. 951-558-5172 Maru Cartagena*

*Harrower Keith City of Beaumont 769-8529*

*Almaninger Mike City of Beaumont 769-8529 Michael Ullrich*

*Alce Thomas → [Signature]*

*Cordova Chris City of Beaumont 769-8529 Chris Cordova*

*Claff Robert City of Inyo 760-342-6500 [Signature]*

*Barba, Daniel City of San Jacinto [Signature]*

*Flores, Susie CODE ENFORCEMENT 951-5487-7330 X366 City of San Jacinto [Signature]*

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- INDUSTRIAL/COMMERCIAL FACILITY INSPECTIONS -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Thursday, March 30, 2006 - Half-Day Training  
8:00 A.M. – 11:00 A.M.

**WHERE:** Riverside County Flood Control & Water Conservation District  
1995 Market Street – Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** The Riverside County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permits require annual training. The Santa Ana Regional Water Quality Control Board (RWQCB) Permit also requires new employees to receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Industrial/Commercial Site Inspectors
- Code Enforcement Staff
- Public Works Maintenance Staff
- Building & Safety Staff

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Overview of General Industrial Activities Storm Water Permit (GIASP)
- Municipal Stormwater Permit Requirements
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- Drainage Area Management Plan (DAMP) and Enforcement/Compliance procedures
- Pollution Prevention Plans (PPPs)
- Best Management Practices (BMPs)
- Constituents of Concern in Urban Runoff from Industrial/Commercial Facilities

**TO REGISTER:** PLEASE COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). **Registration deadline is March 17, 2006.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_  
**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please indicate number of attendees. Attach additional sheet if needed.

**March 30, 2006** - Number of attendees \_\_\_\_\_

# NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES

SIGN-IN SHEET

Meeting of: March 30, 2006 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Abdollahi	Zarrin	Environmental Health	951.358.5172		Mary Cartagena	
Alvarez	Gonzalo	Environmental Health	951.358.5172		Mary Cartagena	
Amon	Kelly	Environmental Health	951.766.2824	951.766.7874	Lynne Wilder	<i>Kelly Amon</i>
Anderson	Jason	JPD	760.347.8582	760.347.4317	Sgt. Standfield	<i>Jason J. Anderson</i>
Arnett	Sandra	Environmental Health	951.766.2824	951.766.7874	Lynne Wilder	<i>Sandra Arnett</i>
Bacon	Shantel	Environmental Health	760.320.1048	760.320.1470	Karen Tracy	<i>Shantel Bacon</i>
Bailey	Regan	Public Works/Riverside	951.351.6095	951.687.6978	Regan Bailey	
Baker	Rus				Gary Shopshear	
Bishop	David	Environmental Health	951.358.5172		Mary Cartagena	
Briones	Andrea	Environmental Health	951.358.5172		Mary Cartagena	
Burkhartar	Francis J.	Bldg&Safety	760.455.7116	760.863.7040	David Helfman	
Conrad	Deby					
Crossman	Sarah	Environmental Health	951.358.5172		Mary Cartagena	
DeGroot	Craig	Bldg&Safety	760.863.7212	760.863.7040	Dave Helfman	
Eastman	Greg	JPD I P D	760.347.8582	760.347.4317	Sgt. Standfield	<i>Greg Eastman</i>
Estrada	Robert	Public Works/Banning	951.922.3130	951.922.3141	Robert Estrada	
Eva	Ninette	City of Corona			Michele Colbert	
Green	Nicole	City of Riverside	951.351.6145		Nicole Green	<i>Nicole Green</i>
Hannah	Rusty	Bldg&Safety	760.455.7116	760.863.7040	David Helfman	
Harmon	Brenda				Gary Shopshear	
Hartwill	Daryl	City of Riverside	951.351.6145		Nicole Green	
Helfman	David	Bldg&Safety	760.455.7116	760.863.7040	David Helfman	
Hunt	Robert	Environmental Health	951.358.5172		Mary Cartagena	
Johnson	Brenda	JPD	760.347.8582	760.347.4317	Sgt. Standfield	<i>Brenda Johnson</i>
Kirsnis	Susie	CodeCompliance/ Corona	951.736.2429		Michele Colbert	<i>Susie Kirsnis</i>
Lasley	Steve	JPD	760.347.8582	760.347.4317	Sgt. Standfield	<i>Steve Lasley</i>
Lewis	Barry				Charles Ray	
Lyman	Bob				Gary Shopshear	

# NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES

SIGN-IN SHEET

Meeting of: March 30, 2006 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Moreno	Anthony	Bldg&Safety/LaQuinta	760.777.7022	760.777.7011	Deby Conrad	
Naceem	Farida	Engineering/Murrieta	951.461.6075	951.698.4509	Farida Naceem	
Nanney	Penny	RCFC	951.955.1325		Penny Nanney	
Norfolk	Doug	Public Works	951.270.5607	951.735.0186	Rose Matthews	<i>Rose Matthews</i>
Ortiz	Joe	Bldg&Safety	760.863.7212	760.863.7040	Dave Helfman	
Osborn	Doug	Environmental Health	951.358.5172		Mary Cartagena	
Potts	Jeff	Public Works/Corona	951-736-2412		Michele Colbert	<i>Michele Colbert</i>
Powell	Lester	Environmental Health	951.358.5172		Mary Cartagena	
Powell	Troy				Charles Ray	
Ramirez	Roman	Bldg&Safety	760.863.7212	760.863.7040	Dave Helfman	
Sanchez	Angela	Environmental Health	951.766.2824	951.766.7874	Lynne Wilder	<i>Lynne Wilder</i>
Skrove	Tyler	Environmental Health	951.358.5172		Mary Cartagena	
Springer	Crystal	CodeCompliance/Corona	951-739-4970		Michele Colbert	<i>Chris Springer</i>
Stratton	James	Bldg&Safety	951.955.1835		James Stratton	
Stroud	Jennifer	IPD	760.347.8582	760.347.4317	Sgt. Standfield	<i>Jennifer Stroud</i>
Sybrandy	Joleen Richelle	Environmental Health	760.320.1048	760.320.1470	Karen Tracy	<i>R. Johnson Standby</i>
Wideen	Chuck	TLMA	951.955.4141	951.955.2023	Cora Kelsey	
Wu	Hua-Hsing	Bldg&Safety	760.863.7535	760.863.7040	Hua-Hsing Wu	<i>Hua-Hsing Wu</i>
Yu	Amy	Bldg&Safety	760.863.7212	760.863.7040	Dave Helfman	<i>Amy Yu</i>

SHAFER Paul  
 CONSUL Eugenie  
 Garcia. Juvenciano  
 Abbey HAWKINS  
 TAATJES, Roland, Bldg & Safety  
 audio

D.W.P.  
 ENV. Health  
 Bldg + safety  
 Bldg + Safety

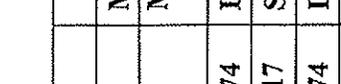
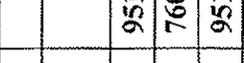
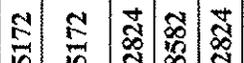
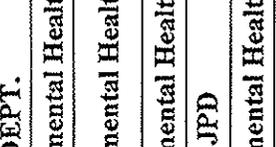
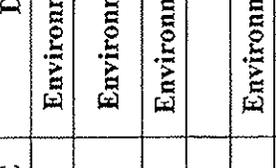
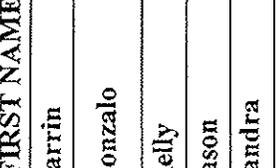
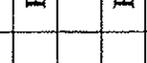
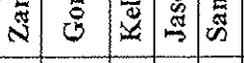
951-279-3592  
 951 358-5172  
 951 377 1777  
 (951) 769 8529  
 (951) 801 0092

951-739-4909  
 Mary Cartagena  
 Rolando Caballero

# NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES

SIGN-IN SHEET

Meeting of: March 30, 2006 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Abdollahi	Zarrin	Environmental Health	951.358.5172		Mary Cartagena	
Alvarez	Gonzalo	Environmental Health	951.358.5172		Mary Cartagena	
Amon	Kelly	Environmental Health	951.766.2824	951.766.7874	Lynne Wilder	
Anderson	Jason	JPD	760.347.8582	760.347.4317	Sgt. Standfield	
Arnett	Sandra	Environmental Health	951.766.2824	951.766.7874	Lynne Wilder	
Bacon	Shantel	Environmental Health	760.320.1048	760.320.1470	Karen Tracy	
Bailey	Regan	Public Works/Riverside	951.351.6095	951.687.6978	Regan Bailey	
Baker	Rus				Gary Shopshear	
Bishop	David	Environmental Health	951.358.5172		Mary Cartagena	
Briones	Andrea	Environmental Health	951.358.5172		Mary Cartagena	
Burkhartar	Francis J.	Bldg&Safety	760.455.7116	760.863.7040	David Helfman	
Conrad	Deby					
Crossman	Sarah	Environmental Health	951.358.5172		Mary Cartagena	
DeGroot	Craig	Bldg&Safety	760.863.7212	760.863.7040	Dave Helfman	
Eastman	Greg	JPD	760.347.8582	760.347.4317	Sgt. Standfield	
Estrada	Robert	Public Works/Banning	951.922.3130	951.922.3141	Robert Estrada	
Eva	Ninette	City of Corona			Michele Colbert	
Green	Nicole	City of Riverside	951.351.6145		Nicole Green	
Hannah	Rusty	Bldg&Safety	760.455.7116	760.863.7040	David Helfman	
Harmon	Brenda				Gary Shopshear	
Hartwill	Daryl	City of Riverside	951.351.6145		Nicole Green	
Helfman	David	Bldg&Safety	760.455.7116	760.863.7040	David Helfman	
Hunt	Robert	Environmental Health	951.358.5172		Mary Cartagena	
Johnson	Brenda	JPD	760.347.8582	760.347.4317	Sgt. Standfield	
Kirsnis	Susie	CodeCompliance/ Corona			Michele Colbert	
Lasley	Steve	JPD	760.347.8582	760.347.4317	Sgt. Standfield	
Lewis	Barry				Charles Ray	
Lyman	Bob				Gary Shopshear	

**NPDES STORMWATER QUALITY TRAINING FOR INDUSTRIAL COMMERCIAL FACILITY ACTIVITIES**  
**SIGN-IN SHEET**

Meeting of: March 30, 2006 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Moreno	Anthony	Bldg&Safety/LaQuinta	760.777.7022	760.777.7011	Deby Conrad	
Naceem	Farida	Engineering/Murrieta	951.461.6075	951.698.4509	Farida Naceem	<i>Farida Naceem</i>
Nannay	Penny	RCFC	951.955.1325		Penny Nannay	
Norfolk	Doug	Public Works	951.270.5607	951.735.0186	Rose Matthews	
Ortiz	Joe	Bldg&Safety	760.863.7212	760.863.7040	Dave Helfman	
Osborn	Doug	Environmental Health	951.358.5172		Mary Cartagena	<i>Mary Cartagena</i>
Potts	Jeff	Public Works/Corona			Michele Colbert	
Powell	Lester	Environmental Health	951.358.5172		Mary Cartagena	<i>Mary Cartagena</i>
Powell	Troy				Charles Ray	<i>Charles Ray</i>
Ramirez	Roman	Bldg&Safety	760.863.7212	760.863.7040	Dave Helfman	
Sanchez	Angela	Environmental Health	951.766.2824	951.766.7874	Lynne Wilder	
Skrove	Tyler	Environmental Health	951.358.5172		Mary Cartagena	
Springer	Crystal	CodeCompliance/ Corona			Michele Colbert	
Stratton	James	Bldg&Safety	951.955.1835		James Stratton	<i>Stratton</i>
Stroud	Jennifer	JPD	760.347.8582	760.347.4317	Sgt. Standfield	
Sybrandy	Joleen Richelle	Environmental Health	760.320.1048	760.320.1470	Karen Tracy	
Wideen	Chuck	TLMA	951.955.4141	951.955.2023	Cora Kelsey	
Wu	Hua-Hsing	Bldg&Safety	760.863.7535	760.863.7040	Hua-Hsing Wu	
Yu	Amy	Bldg&Safety	760.863.7212	760.863.7040	Dave Helfman	

*Cartagena Mary DES - Env. Health 951-5172*  
*CASEY BAGENT DES - ENV. HEALTH 951-5172*  
~~*POWELL*~~ *CYNTHIA CODE ENF. 951 769 8339*  
*BOUSER CHRISTINA CODE ENFORCEMENT 951-709-8529*  
*WOLANS MARLA Source Control 951-830-0257*

*Steve Van Stratten, Ill*  
*STEVE VAN STRATTEN, ILL*  
*KENT HALL*  
*KENT HALL*  
*Michele Colbert*

**MUNICIPAL FACILITIES  
& ACTIVITIES TRAINING**

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- MUNICIPAL FACILITIES & ACTIVITIES -  
*Operations, Maintenance, Inspections***

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Monday, September 19, 2005 - Half-Day Training  
8:00 A.M. – 11:00 A.M.

**WHERE:** Coachella Valley Association of Governments  
73-710 Fred Waring Drive, Suite 200 – Room 115  
Palm Desert, CA 92260 Phone: 760.346.1127

**TRAINING:** Riverside County NPDES Municipal Stormwater (MS4) Permits require annual training. Santa Ana RWQCB Permit also requires new employees receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Building Services
- Parks Department
- Fleet Services
- Warehouse/Receiving Personnel
- Printing Services Personnel
- Building & Grounds Maintenance

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Municipal Stormwater Permit Requirements
- Best Management Practices
- Pollution Prevention Plans
- Storage & Disposal of Chemicals
- Vehicle Cleaning & Maint.
- Pesticides & Fertilizers
- Painting Activities
- Landscape Maintenance
- Outdoor Loading Activities
- Pavement & Parking Lot Cleaning
- Parks Maintenance Activities

**TO REGISTER:** Please COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951)788-9965, Attention: NPDES Training Coordinator or e-CharleneWarren@co.riverside.ca.us. Please bring a copy of your completed Registration form to the Training. **Registration deadline is September 6, 2005.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please circle desired training date(s) and indicate number of attendees. Attach additional sheet if needed.  
September 19, 2005 - Number of attendees \_\_\_\_\_

# NPDES STORMWATER QUALITY TRAINING FOR MUNICIPAL FACILITIES & ACTIVITIES

Meeting of: September 19, 2005 8 a.m. - 11 a.m.

SIGN-IN SHEET

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Alexander	Ron	Domestic Water	951.788.9965		Mike Seems	<i>R. Alexander</i>
Alvarado	Raphale	City of LaQuinta P/W Maintenance	760.777.7052	760.777.7154	James Lindsey	<i>Raphale Alvarado</i>
Anderson	Ken	City of Hemet/Streets	951.765.3880	951.765.3878	Linda Nixon	<i>Ken Anderson</i>
Bennett	Rick	Domestic Water	951.788.9965		Mike Seems	<i>Rick Bennett</i>
<del>Cross</del> <del>Burrow</del>	<del>John E.</del> <del>Warren</del>	CVWD Claims/Safety	760.347.0381	760 348-3711	John E. Burrow	<i>Warren Cross</i>
Collins	John	Domestic Water	951.788.9965		Mike Seems	<i>John Collins</i>
Gardenias	Douglas	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Garza	Gabe	Domestic Water	951.788.9965		Mike Seems	<i>Gabe Garza</i>
Gullett	Jeff	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Lhoran	Burr	City of Indian Wells, P/W	760.346.0407	760.346.0407	Lhoran Burr	<i>Lhoran Burr</i>
Lindsey	James	City of LaQuinta P/W Maintenance	760.777.7052	760.777.7154	James Lindsey	<i>James Lindsey</i>
Medina	Moses	Fleet	951.922.3291	951.922.9482	Owen Carder	<i>Moses Medina</i>
Mihai	Dan	City of Indian Wells, P/W	760.346.0407	760.346.0407	Lhoran Burr	
Mora	Tony	City of Hemet/Streets	951.765.3880	951.765.3878	Linda Nixon	<i>Tony Mora</i>
Navarro	Carlos	Fleet	951.922.3291	951.922.9482	Owen Carder	<i>Carlos Navarro</i>
Ramirez	Joaquin	City of Hemet/Streets	951.765.3880	951.765.3878	Linda Nixon	<i>Joaquin Ramirez</i>
Salas	<del>Goza</del>	City of Palm Desert/Public Works	760.346.0611	760.341.7098	Alana Townsend	<i>Goza</i>
Solarez	Albert	Transportation	951.955.1095		Carol Lynn Anderson	<i>Albert Solarez</i>
Townsend	Alana	City of Palm Desert/Public Works	760.346.0611	760.341.7098	Alana Townsend	<i>Alana Townsend</i>
Wiggins	Chris	City of Indian Wells, P/W	760.346.0407	760.346.0407	Lhoran Burr	<i>Chris Wiggins</i>
Total 20					<i>R. A. Madrid</i>	
<i>RINAS</i>	<i>ED</i>	CVWD			<i>R. R. R. R. R.</i>	
<i>Reddic</i>	<i>Albert</i>	CVWD	760-398-2651		<i>CVWD</i>	<i>Albert</i>

LACROIX ERNIE

CV.IND.

760-398-2651

JAVIER MIRONDA



HIGGINS RANDY

RIVERSIDE  
PARKS DEPT

951-659-9831



GRABES MICHAEL

LEWD

760-398-2651



DAVIS, JIM

RIV. CO. P.K.S

951 906 9327



Margaret Usher

RN Co. Parks

760 5564-4712

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- MUNICIPAL FACILITIES & ACTIVITIES -  
*Operations, Maintenance, Inspections***

**A NO FEE  
TRAINING -**

**DATE AND LOCATION:**

**WHEN:** Monday, September 26, 2005 - Half-Day Training  
1:00 P.M. – 4:00 P.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** Riverside County NPDES Municipal Stormwater (MS4) Permits require annual training. Santa Ana RWQCB Permit also requires new employees receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Building Services
- Parks Department
- Fleet Services
- Warehouse/Receiving Personnel
- Printing Services Personnel
- Building & Grounds Maintenance

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Municipal Stormwater Permit Requirements
- Best Management Practices
- Pollution Prevention Plans
- Storage & Disposal of Chemicals
- Vehicle Cleaning & Maint.
- Pesticides & Fertilizers
- Painting Activities
- Landscape Maintenance
- Outdoor Loading Activities
- Pavement & Parking Lot Cleaning
- Parks Maintenance Activities

**TO REGISTER:** Please COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). Please bring a copy of your completed Registration form to the Training. **Registration deadline is September 12, 2005. Seating is limited, so Register early!**

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax** \_\_\_\_\_  
**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please circle desired training date(s) and indicate number of attendees. Attach additional sheet if needed.

September 26, 2005 # of attendees \_\_\_\_\_

**NPDES STORMWATER QUALITY TRAINING FOR MUNICIPAL FACILITIES & ACTIVITIES**  
**SIGN-IN SHEET**

Meeting on: September 26, 2005 1 p.m. - 4 p.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Almodovar	Mike	City of Murrieta/Pub. Works Maintenance	951.461.6075	951.698.4509	Farida Naceem	
Armentrout	Vicki				Marc Brewer	
Armitage	Steve	City of Banning/Streets	951.922.3286	951.849.1550	Carl Szoyka	
Avalos	Damien	City of Murrieta/Com. Service	951.461.6075	951.698.4509	Farida Naceem	
Baird	Pamela	EDA	951.955.6691	951.955.6686	Pamela Baird	
Baxter	Ron	Regional Parks	951.955.4316	951.955.4305	Marc Brewer	
Biggs	Bert	Code Enforcement	791.3617	791.3606	Chet Panique	
Bogan	Dan	Regional Parks	951.955.4316	951.955.4305	Marc Brewer	
Bollschweiler	Mark	City of Murrieta/Pub. Works Maint.	951.461.6075	951.698.4509	Farida Naceem	
Bowen	Jerome	City of Banning	951.922.3130		Jeff Benson	
Brewer	Marc	Regional Parks	951.955.4316	951.955.4305	Marc Brewer	
Brownell	Ralph	City of Hemet/Water Dept.	951.765.3880	951.765.3878	Linda Nixon	
Burke	Tim	City of Hemet/Water Dept.	951.765.3880	951.765.3878	Linda Nixon	
Burns	John	Regional Parks	951.955.4316	951.955.4305	Marc Brewer	
Butler	Garrett	City of Corona/Public Works			Michele Colbert	
Carder	Owen	Fleet	951.922.3291	951.922.9482	Owen Carder	
Chapparosa	Tom	City of Banning/Streets	951.922.3286	951.849.1550	Carl Szoyka	
Chennette	Dathan	City of Hemet/Water Dept.	951.765.3880	951.765.3878	Linda Nixon	
Cloyd	Kirk	City of Perris	951.657.3280	951.943.1877	Cora Soto	
Cottage	Gregory	City of Banning/Streets	951.922.3286	951.849.1550	Carl Szoyka	
Courtney	Michael	City of Corona/Public Works			Michele Colbert	
Cummings	Jack	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Dullanty	Shawn	City of Murrieta/Com. Service	951.461.6075	951.698.4509	Farida Naceem	
Dunn	Terry	Fleet	951.922.3291	951.922.9482	Owen Carder	
Estrada	Robert	City of Banning	951.922.3130		Jeff Benson	
Finley	Anthony	EDA	951.955.6691	951.955.6686	Pamela Baird	
Flores	Delia	EDA	951.955.6691	951.955.6686	Pamela Baird	

# NPDES STORMWATER QUALITY TRAINING FOR MUNICIPAL FACILITIES & ACTIVITIES

Meeting of: September 26, 2005 1 p.m. - 4 p.m. SIGN-IN SHEET

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Fuller	A.J.	Fleet	951.955.4659		Herb Miller	
Garcia	Arturo	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Gonzalez Jr.	Jose	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Green	Sandra	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Gullett	Jeff	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Hendry	Tom	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Jones	Dave	City of Murrieta/Pub. Works Maintenance	951.461.6075	951.698.4509	Farida Naceem	
Kluck	Ken	City of Murrieta/Pub. Works Maintenance	951.461.6075	951.698.4509	Farida Naceem	
Lara	Ernie	City of Hemet/Streets	951.765.3880	951.765.3878	Linda Nixon	
Larsen	Tom	City of Banning/Streets	951.922.3286	951.849.1550	Carl Szoyka	
Matthews	Ken	Canyon Lake Bldg & Dept	951.244.2955	951.246.2022	Robert Rich	
Merry	Dave	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Miller	Robert (Bob)	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Mitchell	Herb	Fleet	951.955.4659		Herb Miller	
Mory	Jeff	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
Munoz	Natalia	EDA	951.955.6691	951.955.6686	Pamela Baird	
Naceem	Jose	City of Murrieta/Com. Service	951.461.6075	951.698.4509	Farida Naceem	
Napier	Farida	City of Murrieta/Engineering	951.461.6075	951.698.4509	Farida Naceem	
Nixon	Wayne	City of Perris	951.657.3280	951.943.1871	Cora Soto	
Olivas	Linda	City of Hemet/Engineering	951.765.3880	951.765.3878	Linda Nixon	
Parker	Robert	City of Hemet/Parks	951.765.3880	951.765.3878	Linda Nixon	
Payne	Steve		951.922.3139		Jeff Benson	
Pitchford	Randy	City of Temecula Public Works	951.694.6411	951.694.6475	Randy West	
Proze	Charles	City of Banning/Streets	951.922.3286	951.849.1550	Carl Szoyka	
Resendez	Chuck	City of Hemet/Streets	951.765.3880	951.765.3878	Linda Nixon	
Rich	Tony	EDA	951.955.6691	951.955.6686	Pamela Baird	
	Robert	Canyon Lake Bldg & Dept	951.244.2955	951.246.2022	Robert Rich	



**NPDES  
STORMWATER QUALITY TRAINING FOR  
- MUNICIPAL FACILITIES & ACTIVITIES -  
*Operations, Maintenance, Inspections***

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Monday, March, 20, 2006 - Half-Day Training  
1:00 P.M. – 4:00 P.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street - Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** The Riverside County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permits require annual training. The Santa Ana RWQCB Permit also requires new employees to receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Building Services
- Parks Department
- Fleet Services
- Warehouse/Receiving Personnel
- Printing Services Personnel
- Building & Grounds Maintenance

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Municipal Stormwater Permit Requirements
- Best Management Practices
- Pollution Prevention Plans
- Storage & Disposal of Chemicals
- Vehicle Cleaning & Maint.
- Pesticides & Fertilizers
- Painting Activities
- Landscape Maintenance
- Outdoor Loading Activities
- Pavement & Parking Lot Cleaning
- Parks Maintenance Activities
- Constituents of Concern in Urban Runoff from Municipal Facilities and Activities

**TO REGISTER:** PLEASE COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951)788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). **Registration deadline is March 10, 2006.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please indicate number of attendees. Attach additional sheet if needed.

March 20, 2006 - Number of attendees \_\_\_\_\_

# NPDES STORMWATER QUALITY TRAINING FOR MUNICIPAL FACILITIES & ACTIVITIES

Meeting of: March 20, 2006 1 p.m. - 4 p.m.

SIGN-IN SHEET

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Abadilla	Paul	DWP/Corona	951-836-2093		Michele Colbert	<i>Paul Abadilla</i>
Anderson	Craig	Public Works/Riverside	951.826.5889	951.826.5542	Daniel Ciacchella	
Anderson	William	Transportation	951.955.6899	951.955.6832	Matt Sayre	<i>William Anderson</i>
Avila	Jose	PalmSprings/Parks	760.323.8283	760.322.5581	Ted Molhoek	<i>Jose Avila</i>
Baker	Jeff	Public Works/Corona			Michele Colbert	
Bash	Chris	PalmSprings/Fleet	760.323.8168	760.323.8118	Steve Drinovsky	
Burley	Richard	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Castillo	Paul	Waste Mgmt	951.486.3277	951.486.3250	Olivia Acosta	
Cianci	Tim	Public Works/Riverside	951.826.5889	951.826.5542	Daniel Ciacchella	<i>Tim Cianci</i>
Crum	Doyle	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Doyle Crum</i>
Cuthbertson	Dan	Public Works/MORENO	951.270.5607	951.735.0186	Rose Matthews	<i>Dan Cuthbertson</i>
Dawley	Danny	Public Works/Corona			Michele Colbert	
DeLaRosa	Jaime	PalmSprings/Fleet	760.323.8168	760.323.8118	Steve Drinovsky	<i>Jaime DeLaRosa</i>
Deweese	Gary	Parks/Corona			Michele Colbert	<i>Gary Deweese</i>
Edge	Wade	City of Hemet	951.765.3880	951.765.3878	Linda Nixon	
Fite	Rick	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Florez	Robert	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Fridde	Keith	DWP/Corona			Michele Colbert	<i>Keith Fridde</i>
Garay	Nimrod	Waste	951.486.3248	951.486.3305	Leanne Gross	
George	Kenneth	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Goar	Mike	City of Hemet	951.765.3880	951.765.3878	Linda Nixon	
Graff	Ed	Palm Springs	760.318.3824	760.318.3829	Ed Graff	<i>Ed Graff</i>
Gray	Valin	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	<i>Valin Gray</i>
Greene	Nicole	City of Riverside	951.351.6145		Nicole Green	<i>Nicole Greene</i>
Green	Sandra	Waste	951.486.3248	951.486.3305	Leanne Gross	
Gregory	Gerry	Waste	951.486.3248	951.486.3305	Leanne Gross	
Gullett	Jeffery	Transportation	951.955.6899	951.955.6832	Matt Sayre	<i>Jeffery Gullett</i>
Hand	Bobby	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Bobby Hand</i>
Hardaway	Jim	Public Works/Riverside	951.826.5889	951.826.5542	Daniel Ciacchella	
Hartwill	Daryl	City of Riverside	951.351.6145		Nicole Green	<i>Daryl Hartwill</i>

*First Name Last Name 951-413-3483*

*Scan*

**NPDES STORMWATER QUALITY TRAINING FOR MUNICIPAL FACILITIES & ACTIVITIES**  
**SIGN-IN SHEET**

Meeting of: March 20, 2006 1 p.m. - 4 p.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Heintz	Charlie	City of Hemet	951.765.3880	951.765.3878	Linda Nixon	<i>[Signature]</i>
Hernandez	Francisco	PalmSprings/Parks	760.323.8283	760.322.5581	Ted Molhoek	<i>[Signature]</i>
Houchens	Dave	Parks/Riverside	951.351.6084	951.351.6069	Lee Withers	<i>[Signature]</i>
Jardine	Chris	DWP/Corona			Michele Colbert	<i>[Signature]</i>
Johnston	Scott	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Kraak	Scott	Waste Mgmt	951.486.3277	951.486.3250	Olivia Acosta	<i>[Signature]</i>
Leon	Arnulfo	PalmSprings/Parks	760.323.8283	760.322.5581	Ted Molhoek	<i>[Signature]</i>
Light	Kirk	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Lopez	Albert	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Lopez	Ruben	Parks/Riverside	951.351.6084	951.351.6069	Lee Withers	<i>[Signature]</i>
Lopez	Salvador	Transportation	951.955.6899	951.955.6832	Matt Sayre	<i>[Signature]</i>
Luce	Jim	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Macalalad	Yolanda	Public Works/Corona			Michele Colbert	<i>[Signature]</i>
Mader II	Tommy	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Martinez	Rudy	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Medina	Moses	City of Banning	951.922.3291	760.922.9482	Owen Carder	<i>[Signature]</i>
Mercado	Gilbert	PalmSprings/Parks	760.323.8283	760.322.5581	Ted Molhoek	<i>[Signature]</i>
Miller	Ronnie	PalmSprings/Fleet	760.323.8168	760.323.8118	Steve Drinovsky	<i>[Signature]</i>
Milner	Dennis	PalmSprings/Facilities	760.323.8167	760.322.5581	Janet Vines-Mott	<i>[Signature]</i>
Molhoek	Ted	PalmSprings/Parks	760.323.8283	760.322.5581	Ted Molhoek	<i>[Signature]</i>
Nava	Dan	PalmSprings/Facilities	760.323.8167	760.322.5581	Janet Vines-Mott	<i>[Signature]</i>
Navarro	Carlos	City of Banning	951.922.3291	760.922.9482	Owen Carder	<i>[Signature]</i>
Nixon	Linda	City of Hemet			Linda Nixon	<i>[Signature]</i>
Palomarez	Jack	Public Works/Riverside	951.826.5889	951.826.5542	Daniel Ciacchella	<i>[Signature]</i>
Palomo	Bill	DWP/Corona			Michele Colbert	<i>[Signature]</i>
Perales	Derick	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>[Signature]</i>
Potts	Jeff	Public Works/Corona			Michele Colbert	<i>[Signature]</i>
Quevedo	Luis	Public Works/Corona			Michele Colbert	<i>[Signature]</i>

*Alemera, Kristen Palm Springs 760.323.8168*



11/20/2011

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HERVEY J. CITY OF KALM SKINIS

WATSON

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**NPDES  
STORMWATER QUALITY TRAINING FOR  
- MUNICIPAL FACILITIES & ACTIVITIES -  
*Operations, Maintenance, Inspections***

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Wednesday, March, 29, 2006 - Half-Day Training  
8:00 A.M. – 11:00 A.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street - Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** The Riverside County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permits require annual training. The Santa Ana RWQCB Permit also requires new employees to receive training within six months of hire.

**WHO SHOULD ATTEND:**

- Building Services
- Parks Department
- Fleet Services
- Warehouse/Receiving Personnel
- Printing Services Personnel
- Building & Grounds Maintenance

**WORKSHOP TOPICS:**

- NPDES Regulatory Framework Overview
- Municipal Stormwater Permit Requirements
- Best Management Practices
- Pollution Prevention Plans
- Storage & Disposal of Chemicals
- Vehicle Cleaning & Maint.
- Pesticides & Fertilizers
- Painting Activities
- Landscape Maintenance
- Outdoor Loading Activities
- Pavement & Parking Lot Cleaning
- Parks Maintenance Activities
- Constituents of Concern in Urban Runoff from Municipal Facilities and Activities

**TO REGISTER:** PLEASE COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951)788-9965, Attention: NPDES Training Coordinator or e-mail [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). **Registration deadline is March 17, 2006.** Seating is limited, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please indicate number of attendees. Attach additional sheet if needed.

**March 29, 2006** - Number of attendees \_\_\_\_\_

**NPDES STORMWATER QUALITY TRAINING FOR MUNICIPAL FACILITIES & ACTIVITIES**  
SIGN-IN SHEET

Meeting of: March 29, 2006 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Aguilar	Erik	City of Corona			Michele Colbert	
Aguirre	Steve	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Anderson	Jan	PalmSprings/Facilities	760.323.8167	760.322.5581	Janet Vines-Mott	<i>[Signature]</i>
Atkinson	Bryan	City of Riverside	951.826.2238	951.826.2228	Chuck Casey	
Bailey	Regan	City of Riverside	951.351.6095	951.687.6978	Regan Bailey	
Barrios	Ranulfo	Palm Springs/Parks	760.323.8283	760.322.5581	Ted Molhoek	<i>[Signature]</i>
Brewer	Everet	Palm Springs/Parks	760.323.8283	760.322.5581	Ted Molhoek	<i>[Signature]</i>
Broadwater	Mike	Vali Cooper & Associates	951.788.6028	951.788.8025	Kimberly Chandler-Hall	
Brummer	David	Bldg&Safety/RivCounty	951.955.2987		David Brummer	
Burley	Richard				John Kennedy	<i>[Signature]</i>
Campbell	Ray	DWP/Corona			Michele Colbert	<i>[Signature]</i>
Carder	Owen	City of Banning	951.922.3291	760.922.9482	Owen Carder	<i>[Signature]</i>
Casey	Chuck	City of Riverside	951.826.2238	951.826.2228	Chuck Casey	
Castillo	Willie	PalmSprings/Facilities	760.323.8167	760.322.5581	Janet Vines-Mott	
Cervantes	Noel	City of Corona			Michele Colbert	<i>[Signature]</i>
Chase	Richard	Waste				
Colbert	Michele	Public Works/Corona			Michele Colbert	<i>[Signature]</i>
Colella	Bill	PalmSprings/Facilities	760.323.8167	760.322.5581	Janet Vines-Mott	<i>[Signature]</i>
Colvin	Pete	PalmSprings/Facilities	760.323.8167	760.322.5581	Janet Vines-Mott	<i>[Signature]</i>
Combs	Mike	City of Riverside	951.351.6137		Mike Combs	
Coslett	Dennis	Palm Springs/Parks	760.323.8283	760.322.5581	Ted Molhoek	<i>[Signature]</i>
Crowe	Darrell	DWP/Corona			Michele Colbert	<i>[Signature]</i>
Dondalski	Steven	RivCo BLDG&Safety	951.955.2569	951.955.2023	Steven Dondalski	<i>[Signature]</i>
Drinovsky	Steve	PalmSprings/Fleet	760.323.8168	760.323.8118	Steve Drinovsky	
Duncan	Don	Parks/Riverside	951.351.6084	951.351.6069	Lee Withers	<i>[Signature]</i>
Duna	Terry	City of Banning	951.922.3291	760.922.9482	Owen Carder	<i>[Signature]</i>
Encino	Jesse	City of Corona			Michele Colbert	<i>[Signature]</i>

*Benjamin Richard City of Corona DWP*

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NPDES STORMWATER QUALITY TRAINING FOR MUNICIPAL FACILITIES & ACTIVITIES  
SIGN-IN SHEET

Meeting of: March 29, 2006 8 a.m. - 11 a.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Esparza	Nick	DWP/Corona			Michele Colbert	
Foster	Zach	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Garcia	Ray	Public Works/Riverside	951.826.5889	951.826.5542	Daniel CiaccHELLa	
Gray	Robert	RivCo Transportation	760.408.3248		Albert Solarez	
<del>Hand</del> <del>George</del>	<del>Bobby</del> <del>KENNEY</del>	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Harvey	Terry	Public Works/Riverside	951.826.5889	951.826.5542	Daniel CiaccHELLa	
Haskell	Ben	City of San Jacinto	951.654.4041	951.487.7383	Ray Sanchez	
Herrera	Kristen	PalmSprings/Fleet	760.323.8168	760.323.8118	Steve Drinovsky	
Hewitt	Keith	PalmSprings/Facilities	760.323.8167	760.322.5581	Janet Vines-Mott	
Jaroslawski	Merik	City of Corona			Michele Colbert	
Konrad	Erich	PalmSprings/Fleet	760.323.8168	760.323.8118	Steve Drinovsky	
Kuykendall	Arron	PalmSprings/Facilities	760.323.8167	760.322.5581	Janet Vines-Mott	
Leamon	John	Public Works/Riverside	951.826.5889	951.826.5542	Daniel CiaccHELLa	
Lockhart	Ed	City of Corona			Michele Colbert	
Longo	John	City of Corona			Michele Colbert	
Macias	Jaime	PalmSprings/Fleet	760.323.8168	760.323.8118	Steve Drinovsky	
Maus	Dave	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
McDougall	Matt	Palm Springs/Parks	760.323.8283	760.322.5581	Ted Molhoek	
Merry	Bob	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Monto	Dan	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Moody	Tom	DWP/Corona			Michele Colbert	
Moores	Carlos	City of Riverside	951.826.2238	951.826.2228	Chuck Casey	
Moss	Gary	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Nanney	Penny	RCFC	951.955.1325		Penny Nanney	
Navarro	David	City of Corona			Michele Colbert	
Norfolk	Doug	Public Works	951.270.5607	951.735.0186	Rose Matthews	
Notte	Bill	PalmSprings/Fleet	760.323.8168	760.323.8118	Steve Drinovsky	
Oertec	John	Palm Springs/Parks	760.323.8283	760.322.5581	Ted Molhoek	
Pena Jr.	Robert	Parks/Corona			Michele Colbert	

PALEOMARAZZ JACKE Public Works 826-5346  
C. H. ORRIS



**WATER QUALITY  
MANAGEMENT PLAN  
TRAINING**

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- WATER QUALITY MANAGEMENT PLAN -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Monday, September 19, 2005 - Half-Day Training  
8:00 A.M. – 12:00 P.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street - Conference Rm. 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** Riverside County NPDES Municipal Stormwater (MS4) Permits require annual training. Santa Ana RWQCB Permit also requires new employees receive training within six months of hire.

**WHO SHOULD ATTEND:**

- City and County planning and development review staff

**WORKSHOP TOPICS:**

- National Pollutant Discharge Elimination System (NPDES) Regulatory Overview
- Pollutants of Concern in Urban Runoff from New Development & significant Re-development
- Solutions Overview
- Best Management Practices (BMPs) for:
  - ✓ Site Design
  - ✓ Source Control
  - ✓ Treatment Control
- Applying the Water Quality Management Plan (WQMP) Guidance Documents

**TO REGISTER:** Please COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail: [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). Please bring a copy of your completed Registration form to the Training. **Registration deadline is September 6, 2005.** Seating is limited to 45 attendees, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_  
**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please circle desired training date(s) and indicate number of attendees. Attach additional sheet if needed.

September 19, 2005 - Number of attendees \_\_\_\_\_

**NPDES STORMWATER QUALITY TRAINING FOR WATER QUALITY MANAGEMENT PLAN**  
**SIGN-IN SHEET**

Meeting of: September 19, 2005 8 a.m. - 12 noon

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Bender	Randy	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
Burk	Duane	City of Banning	951.922.3130		Jeff Benson	
Call	Kathy	City of Hemet/Dev.Engineering	951.765.3580	760.765.3818	Linda Nixon	<i>Kelly Colee</i>
Chin	Jessica	City of Riverside	951.826.5760		Jessica Chin	<i>Jessica Chin</i>
Colbert	Michele	City of Corona/Public Works			Michele Colbert	<i>Michele Colbert</i>
Dana	Shervin	City of Corona/Public Works			Michele Colbert	<i>S. Dana</i>
Domenigoni	Loretta	City of Hemet/Planning	951.765.3580	<del>760.765.3818</del>	Linda Nixon	<i>Loretta</i>
Duffin	Stephen	City of Corona/Public Works			Michele Colbert	<i>Stephen Duffin</i>
Dupras	Larry	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
Gardenias	Douglas	Transportation	951.955.1095		Carol Lynn Anderson	<i>Douglas Gardenias</i>
Gonzalez	Wilfred	Water Quality-Engineering	760.398.2661 ext 2235	760.398.3711	Wilfred Gonzalez	<i>Wilfred Gonzalez</i>
Gross	Russ	City of Corona/Public Works			Michele Colbert	<i>Russ Gross</i>
Gullett	Jeff	Transportation	951.955.1095		Carol Lynn Anderson	<i>Jeff Gullett</i>
Hall	Tom	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
James	Reza	City of Murrieta/Engineering	951.461.6075	951.698.4509	Farida Naceem	<i>Reza James</i>
Jones	Jonathan	City of Corona/Parks			Michele Colbert	<i>Jonathan Jones</i>
Ladnier	Brian	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
Lamping	Maria	City of Riverside	951.826.5760		Jessica Chin	
Looney	Maureen	City of Hemet/Planning	951.765.3580	760.765.3818	Linda Nixon	<i>Maureen Looney</i>
Naceem	Farida	City of Murrieta/Engineering	951.461.6075	951.698.4509	Farida Naceem	
Reinez	Remi	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
Ruvalcaba	Rosario	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
Stryffeler	Lee	City of Corona/Parks			Michele Colbert	<i>Lee Stryffeler</i>

**NPDES STORMWATER QUALITY TRAINING FOR WATER QUALITY MANAGEMENT PLAN**  
**SIGN-IN SHEET**

Meeting of: September 19, 2005 8 a.m. - 12 noon

Swancott	Paul	City of Murrieta/Planning	951.461.6075	951.698.4509	Farida Naceem	Paul Swancott
Yang	Sandra	Planning	951.736.2262	951.279.3550	Joanne Coletta	Sandra Yang
FERRANDO	LEONARDO	RCFC	951-955-1326			Leonardo Ferrando
Quinones	Edwin	RCFC	951-955-8827			Edwin Quinones
Isabelina	Benny	Substation Eng	951.926.5624			Benny Isabelina
Jho	Benjie	RCFC	951-955-1318			Benjie Jho
MARTINEZ	ARBIT	RCFC	951.955.1917			Arbit Martinez

Total 25



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CITY OF INDIO

AMIR MODARKESSI  
Scott Baker  
Rick Sharp  
County of Riverside  
County of Riverside

EWING LAM  
951-826-2012  
CITY OF RIVERSIDE

GREG MCCOMBS  
CHAUNCEY DE CHAMBERS  
Allisa Swamala  
RANGE SAFETY  
BUDG & SAFETY  
CITY OF AN. FORT HUE

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3-29/06

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- WATER QUALITY MANAGEMENT PLAN -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Wednesday, September 28, 2005 - Half-Day Training  
1:00 P.M. – 5:00 P.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street - Conference Rm. 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** Riverside County NPDES Municipal Stormwater (MS4) Permits require annual training. Santa Ana RWQCB Permit also requires new employees receive training within six months of hire.

**WHO SHOULD ATTEND:**

- City and County planning and development review staff

**WORKSHOP TOPICS:**

- National Pollutant Discharge Elimination System (NPDES) Regulatory Overview
- Pollutants of Concern in Urban Runoff from New Development & significant Re-development
- Solutions Overview
- Best Management Practices (BMPs) for:
  - ✓ Site Design
  - ✓ Source Control
  - ✓ Treatment Control
- Applying the Water Quality Management Plan (WQMP) Guidance Documents

**TO REGISTER:** Please COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail: [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). Please bring a copy of your completed Registration form to the Training. **Registration deadline is September 12, 2005.** Seating is limited to 45 attendees, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_  
**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please circle desired training date(s) and indicate number of attendees. Attach additional sheet if needed.  
 September 28, 2005 - Number of attendees \_\_\_\_\_

# NPDES STORMWATER QUALITY TRAINING FOR WATER QUALITY MANAGEMENT PLAN

Starting of: September 28, 2005 1 p.m. - 5 p.m.

SIGN-IN SHEET

Page 1

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	Signature
Amiz	Tamara	City of Hemet/Planning	951.765.3880	951.765.3878	Linda Nixon	
Allen	Kent	RCFC			Kent Allen	
Baird	Pamela	EDA	951.955.6691	951.955.6686	Pamela Baird	
Baker	Bondie	Public Works	760.776.0237	760.346.0407	Bondie Baker	
Barreto	Daisy	RCFC	951-455-1269		Daisy Barreto	
Basley	Alice	Env Health	951.955.3910	951.781.9653	Damian Meins	
Bionigi	Jorge	City of Hemet/Dev. Engineering	951.765.3880	951.765.3878	Linda Nixon	
Borth	Parvaneh	Env Health	951.955.3910	951.781.9653	Damian Meins	
Bourne	Emily	City of Corona/Public Works				
Carrossi	Anthony	City of LaQuinta/Engineering	760.777.7051	760.777.7155	Angela Johnson	
Contrado	John	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
Genais	Kenny	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
Castro	Victor	RCFC			Victor DeCastro	
gadillo	Don	RCFC			Don Delgadillo	
z	Art	RCFC	951.955.1345		Art Diaz	
ggin	Glen	PBS&J	760.479.4513		Derek Peterson	
ckworth	Everett	RCFC	951.955.8601		Everett Duckworth	
rada	Robert	City of Banning			Jeff Benson	
ley	Anthony	EDA	951.955.6691	951.955.6686	Pamela Baird	
res	Delia	EDA	951.955.6691	951.955.6686	Pamela Baird	
ton	Jeff	PBS&J	760.479.4513		Derek Peterson	
lup	Kyle	RCFC	951.955.1345		Art Diaz	
dding	Dale	<del>PBS&amp;J</del>	<del>760.479.4513</del>	<del>469-365-0313</del>	<del>Derek Peterson</del>	
zalez	Wilfred	Water Quality Eng.	760.398.2661	760.398.3711	Wilfred Gonzalez	
zalez	Sam	TLMA-Bldg & Safety	951.955.2559	951.955.2023	Tony Harmon	
mon	Tony	TLMA-Bldg & Safety	951.955.2559	951.955.2023	Tony Harmon	
th	Mike	PBS&J	760.479.4513		Derek Peterson	

**NPDES STORMWATER QUALITY TRAINING FOR WATER QUALITY MANAGEMENT PLAN**

ating of: September 28, 2005 1 p.m. - 5 p.m.

**SIGN-IN SHEET**

Page 2

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Hunter	Phoung	City of Moreno Valley	951.413.3740	951.413.3498	Phoung Hunter	
no	Fritzzy	Env Health	951.955.3910	951.781.9653	Damian Meins	
per	Tom	City of Corona/Public Works	951-279-3748	951-736-4710	Tom Koper	
pez	Frank	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
ins	Damian	Env Health	951.955.3910	951.781.9653	Damian Meins	
itchell	Dave	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
oise	Steve	Env Health	951.955.3910	951.781.9653	Damian Meins	
owrer	Florence	RCFC	951.955.4954		Florence Mowrer	
nney	Penny	RCFC	951.955.1325		Penny Nanney	
on	Linda	City of Hemet/Public Works	951.765.3880	951.765.3878	Linda Nixon	
hilla	David	RCFC	951.955.1268		David Padilla	
ez	Ed	PBS&J	760.479.4513		Derek Peterson	
erson	Derek	PBS&J	760.479.4513		Derek Peterson	
eyes	Yvonne	Env Health	951.955.3910	951.781.9653	Damian Meins	
ssell	Eric	RCFC	951.955.1211		Eric Russell	
reve	Dave	Corona/Inspection	951.739.4816	951.279.3627	Tom Hall	
erbelis	John	Env Health	951.955.3910	951.781.9653	Damian Meins	
ith	Roxanne	LGC Consulting/Murrieta	951.461.1919	951.461.7677	Roxanne Smith	
ffens	Maureen	Env Health	951.955.3910	951.781.9653	Damian Meins	
ason	Tina	RCFC	951.955.8602		Tina Tuason	
adhya	Setu	RCFC	951.955.1345		Art Diaz	
illace	Laura	Env Health	951.955.3910	951.781.9653	Damian Meins	
lle	Lori	PBS&J	760.479.4513		Derek Peterson	
rkman	Panda	Waste Management	951.486.3277	951.486.3250	Olivia Acosta	
gade	Gary	PBS&J	760.479.4513		Derek Peterson	
zdani	Bijan	City of Corona/Public Works			Bijan Yazdani	

**NPDES STORMWATER QUALITY TRAINING FOR WATER QUALITY MANAGEMENT PLAN**

Meeting of: September 28, 2005 1 p.m. - 5 p.m.

**SIGN-IN SHEET**

Page 3

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Macedalad	Yolanda M	PW-City of	760-327-0397	736-2470		<i>[Signature]</i>
DROGIN	GLEN	RCFC	(760) 327-0397			<i>[Signature]</i>
SMITH	ROXANNE	RCFC	951-461-1919			<i>[Signature]</i>
RICH	ROBERT	BLAG	951-244-2955	246-2022		<i>[Signature]</i>
Muavega	Demeke	Design (Fluel)	951-951-1241			<i>[Signature]</i>
Padres	Claudio	RCFC - Design	951-955-1329			<i>[Signature]</i>
RAHMAN	ANIS	RCFC - Plan Check Consultant	714-568-7500			<i>[Signature]</i>
LEE	JUNGWOO	"	<del>714-568-7500</del>			<i>[Signature]</i>
Leal	Cristina	City of Indio - Engr	760-342-6530			<i>[Signature]</i>
LOPEZ	ROLDAN	City of Indio - Engr	760-342-6530			<i>[Signature]</i>
CAIRUS	MIKE	RCFC	858 8660128	-0131		<i>[Signature]</i>

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- WATER QUALITY MANAGEMENT PLAN -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Wednesday, March 22, 2006 - Half-Day Training  
8:00 A.M. – 12:00 P.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street - Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** The Riverside County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permits require annual training. The Santa Ana Regional Water Quality Control Board (RWQCB) Permit also requires new employees to receive training within six months of hire.

**WHO SHOULD ATTEND:**

- City and County planning and development review staff

**WORKSHOP TOPICS:**

- National Pollutant Discharge Elimination System (NPDES) Regulatory Overview
- Constituents of Concern in Urban Runoff from New Development & Significant Re-development
- Solutions Overview
- Best Management Practices (BMPs) for:
  - ✓ Site Design
  - ✓ Source Control
  - ✓ Treatment Control
- Implementing the Water Quality Management Plan (WQMP) Guidance Documents

**TO REGISTER:** PLEASE COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail: [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). Please bring a copy of the WQMP Guidance document to the training. **Registration deadline is March 10, 2006.** Seating is limited to 45 attendees, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_  
**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please indicate number of attendees. Attach additional sheet if needed.

March 22, 2006 - Number of attendees \_\_\_\_\_

# NPDES STORMWATER QUALITY TRAINING FOR WATER QUALITY MANAGEMENT PLAN

Meeting of: March 22, 2006 8 a.m.- 12:00 p.m.

SIGN-IN SHEET Page 1

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Almasri	Mosallam	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Astorga	Danny	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Bailey	Regan	Public Works/Riverside	951.351.6095	951.687.6978	Regan Bailey	
Barba	Daniel	Code Enforcement	951.487.7321	951.537.6388	Marcee Maupin	
Biagioni	Jorge	Public Works/Hemet	951.765.3880	951.765.3878	Linda Nixon	
Brummier	David	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey	
Budrik	Danielle	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Cruz	Anna	Public Works	951.640.1627	951.769.3826	John Wilder	
Datuin	Elmer	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Desai	Chandra	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey	
Farshad	Majeed	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Flores	Susie	Code Enforcement	951.487.7321	951.537.6388	Marcee Maupin	
Garcia	Linda	RCFC	951.955.1248		Linda Garcia	
Giron	Vince	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Gonzalez	Sam D.	TLMA	951.955.8379	951.955.3699	Sam D. Gonzalez	
Gutierrez	Nancy	Planning/Corona			Michele Colbert	
Guillot	Brian	Planning	951.922.3125	951.922.3128	Shonda Herold	
Hernandez	Diana	RCFC			Art Diaz	
Kim	Elliott	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey	
Kim	Kyle	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey	
Kumar	Prem	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Martinez	Alfredo	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey	
Maupin	Marcee	Code Enforcement	951.487.7321	951.537.6388	Marcee Maupin	
Minjares	Rick	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	
Nelson	David	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Newell	David	Palm Springs	760.323.8253		Marcus Fuller	
Nixon	Linda	City of Hemet			Linda Nixon	
Norfolk	Doug	Public Works	951.270.5607	951.735.0186	Rose Matthews	
Ormsby	Chris	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	
Posalski	Rebecca	Planning	951.640.1627	951.769.3826	John Wilder	

# NPDES STORMWATER QUALITY TRAINING FOR WATER QUALITY MANAGEMENT PLAN

SIGN-IN SHEET Page 2

Meeting of: March 22, 2006 8 a.m. - 12:00 p.m.

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT
Ross	Dave	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter
Sorenson	Gini	Planning	951.922.3125	951.922.3128	Shonda Herold
Sung	Kack	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey
Taylor	Tim	Public Works/Hemet	951.765.3880	951.765.3878	Linda Nixon
Thibault	Dave	Public Works	951.640.1627	951.769.3826	John Wilder
Tracy	Chris	Planning	951.640.1627	951.769.3826	John Wilder
Van Zanten	Rob	Public Works/Riverside	951.826.5875	951.826.5542	Rob Van Zanten
<del>Young</del>	<del>Don</del>	Public Works	951.640.1627	951.769.3826	John Wilder
Young	Don	Public Works/Riverside	951.826.5875	951.826.5542	Rob Van Zanten

*Murray, Clarence*      5-4954      RCFED

DEVERA      FELROS      PUBLIC WORKS      951-541-3982      JOHN WILDER

*John Wilder*      *John Wilder*

**NPDES  
STORMWATER QUALITY TRAINING FOR  
- WATER QUALITY MANAGEMENT PLAN -**

**A NO FEE  
TRAINING**

**DATE AND LOCATION:**

**WHEN:** Thursday, March 30, 2006 - Half-Day Training  
1:00 P.M. – 5:00 P.M.

**WHERE:** Riverside County Flood Control District  
1995 Market Street - Conference Room 1  
Riverside, CA 92501 Phone: 951.955.1200

**TRAINING:** The Riverside County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permits require annual training. The Santa Ana Regional Water Quality Control Board (RWQCB) Permit also requires new employees to receive training within six months of hire.

**WHO SHOULD ATTEND:**

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**WORKSHOP TOPICS:**

- National Pollutant Discharge Elimination System (NPDES) Regulatory Overview
- Constituents of Concern in Urban Runoff from New Development & Significant Re-development
- Solutions Overview
- Best Management Practices (BMPs) for:
  - ✓ Site Design
  - ✓ Source Control
  - ✓ Treatment Control
- Implementing the Water Quality Management Plan (WQMP) Guidance Documents

**TO REGISTER:** PLEASE COMPLETE THE INFORMATION REQUESTED BELOW, PRINT CLEARLY AND FAX TO: (951) 788-9965, Attention: NPDES Training Coordinator or e-mail: [CharleneWarren@co.riverside.ca.us](mailto:CharleneWarren@co.riverside.ca.us). Please bring a copy of the WQMP Guidance document to the training. **Registration deadline is March 17, 2006.** Seating is limited to 45 attendees, so Register early!

**Contact:** \_\_\_\_\_ **Agency/Dept:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Attendee(s):** \_\_\_\_\_ **Dept:** \_\_\_\_\_  
 \_\_\_\_\_ **Dept:** \_\_\_\_\_

Please indicate number of attendees. Attach additional sheet if needed.

March 30, 2006 - Number of attendees \_\_\_\_\_

# NPDES STORMWATER QUALITY TRAINING FOR WATER QUALITY MANAGEMENT PLAN

Meeting of: March 30, 2006 1 p.m. - 5 p.m.

SIGN-IN SHEET Page 1

LAST NAME	FIRST NAME	DEPT.	PHONE	FAX	CONTACT	SIGNATURE
Aldredge	Henry				Michele Colbert	<i>Michele Colbert</i>
Bailey	Mark	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	<i>Phoung Hunter</i>
Blumson	Michael	Palm Springs	760.323.8253		Marcus Fuller	<i>Marcus Fuller</i>
Bullock	Diane	Palm Springs	760.323.8253		Marcus Fuller	<i>Marcus Fuller</i>
Carillo	Kathy	Planning/Hemet	951.765.3880	951.765.3878	Linda Nixon	<i>Linda Nixon</i>
Chan	Loi	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey	<i>Cora Kelsey</i>
Chase	Bernie	Planning/Hemet	951.765.3880	951.765.3878	Linda Nixon	<i>Linda Nixon</i>
Chavez	Sabrina	City of Perris			Cora Soto	<i>Cora Soto</i>
Cline	Kristina	Planning/Hemet	951.765.3880	951.765.3878	Linda Nixon	<i>Linda Nixon</i>
Cuthbertson	Dan	City of Moreno Valley Public Works	951.270.5607	951.735.0186	Rose Matthews	<i>Rose Matthews</i>
Dery	Stan	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Fuller	Marcus	Palm Springs	760.323.8253		Marcus Fuller	<i>Marcus Fuller</i>
Higa	Glen	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Hitch	Jeff	Engineering/Murrieta	951.461.6075	951.698.4509	Farida Naceem	<i>Farida Naceem</i>
Hsu	Thomas	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey	<i>Cora Kelsey</i>
Ingold	Mark	TLMA	951.955.6387		Mark Ingold	<i>Mark Ingold</i>
Jones	Jonathan	Planning/Corona	951.776.2441	951.229.3556	Michele Colbert	<i>Michele Colbert</i>
Kan	Tom	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Keller	James	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	<i>Phoung Hunter</i>
Landeros	Corinne	Bldg&Safety	951.955.6891	951.955.3699	Corinne Landeros	<i>Corinne Landeros</i>
Lin	Sylvester	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	<i>Phoung Hunter</i>
Lyon	Ken	Palm Springs	760.323.8253		Marcus Fuller	<i>Marcus Fuller</i>
Mani	Dev	TLMA/Bldg&Safety	951.955.4141	951.955.2023	Cora Kelsey	<i>Cora Kelsey</i>
Marcinek	John	Transportation	951.955.1095	951.955.6721	Carol Lynn Anderson	<i>Carol Lynn Anderson</i>
Marshall	Kevin	Public Works/Banning	951.826.5875	951.826.5542	Rob Van Zanten	<i>Rob Van Zanten</i>
Mason/Manis	Kevin	Riverside/Pub. Utilities	951.826.5820	951.826.2498	Blake Yamamoto	<i>Blake Yamamoto</i>
Naceem	Farida	Engineering/Murrieta	951.461.6075	951.698.4509	Farida Naceem	<i>Farida Naceem</i>
Nannay	Penny	RCFC	951.955.1325		Penny Nannay	<i>Penny Nannay</i>
Newell	David	Palm Springs	760.323.8253		Marcus Fuller	<i>Marcus Fuller</i>
Ngo	Henry	City of Moreno Valley	951.413.3470	951.413.3498	Phoung Hunter	<i>Phoung Hunter</i>

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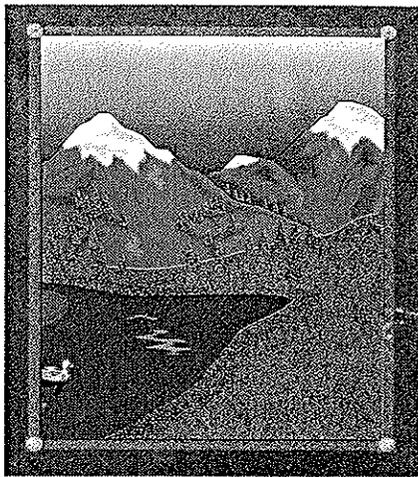
MIKE SETHUMAN

CITY OF CORONA -

~~757~~ 413-413 3426 -

## **Appendix E**

### **Household Hazardous Waste/Antifreeze, Batteries, Oil, and Latex Paint Report**



**RIVERSIDE COUNTY CELEBRATES...**

# NATIONAL POLLUTION PREVENTION WEEK

**September 2005**

National Pollution Prevention Week provides the perfect opportunity to become aware of how we can all help prevent pollution and protect our environment. In this supplement, you will find simple pollution prevention activities that you and your family can participate in.

Pollution prevention is much easier, and less costly, than cleaning up "after the fact" so we're counting on YOU to do your share to help protect our environment. Remember, *together we can make a difference!* Visit the National Pollution Prevention Roundtable: [www.p2.org](http://www.p2.org)

## HOUSEHOLD HAZARDOUS WASTE COLLECTION EVENTS

**HOUSEHOLD HAZARDOUS WASTE INFORMATION HOTLINE (951) 358-5256 OR (800) 304-2226**

**HOURS OF OPERATION: 9:00am-2:00pm • Events may be closed or canceled due to inclement weather.**

**BANNING**.....Nov. 19, 2005; May 6, 2006  
 Replier Park 789 N. San Geronio Ave. (cross Wilson St.)  
**BLTYHE**.....Oct. 29, 2005; Apr. 8, 2006  
 County Admin. Center 260 N. Broadway St. (cross Murphy St.)  
**CALIMESA**.....Mar. 25, 2006  
 City Hall/Community Center 908 Park Ave. (cross Erwin St.)  
**CANYON LAKE**.....Apr. 15, 2006  
 City of Canyon Lake 31516 Railroad Cyn. Rd. (cross Canyon Lake Dr.)  
**CATHEDRAL CITY**.....Nov. 4 & 5, 2005; Mar. 3 & 4, 2006  
 68-700 Avenida Lalo Guerrero (cross Van Fleet Ave. & Buddy Rogers Ave.)  
**CORONA** . . .Sept. 23 & 24, Dec. 2 & 3, 2005; Apr. 21 & 22, June 16 & 17, 2006  
 City of Corona Corp. Yard 730 Corp. Yard Way (cross Cota St.)  
**DESERT HOT SPRINGS**.....Jan. 7, 2006  
 CDF Fire Station #37 65958 Pierson Blvd. (cross West Dr.)  
**HEMET**.....Nov. 18 & 19, 2005; June 23-24, 2006  
 Riverside County Rd. Yard 595 N. Juanita St. (cross Oakland Ave.)  
**IDYLLWILD**.....May 20, 2006  
 Riverside County Rd. Yard 25780 Johnson Rd. (cross Maranatha Dr.)  
**INDIO/COACHELLA**.....Dec. 10, 2005  
 Nat. Date Fest. Fairground Gate 6 46-350 Arabia St. (Enter at Dr. Carreon Blvd.)

**LAKE ELSINORE PERMANENT HHW COLLECTION CENTER**  
 First Saturday of the month except December & January  
 City of Lake Elsinore Maintenance Facility 521 N. Langstaff (cross Sumner)  
**LA QUINTA**.....Oct. 1, 2005; Apr. 8, 2006  
 Parking Lot, South Side of Ave. 52 (cross Desert Club Dr.)  
**MORENO VALLEY**. Oct. 14 & 15, 2005; Feb. 3 & 4, Mar. 24 & 25, June 9 & 10, 2006  
 City of Moreno Valley Maintenance Facility 15670 Perris Blvd. (North of Iris Ave.)  
**MURRIETA**.....Sept. 16 & 17, 2005; Jan. 27 & 28; May 12 & 13, 2006  
 Riv. County Rd. Yard 25315 Jefferson Ave. (cross Murrieta Hot Springs Rd.)  
**NORCO**.....Oct. 22, 2005; Mar. 18, 2006  
 Norco Comm. Center Parking Lot 3900 Acacia (cross Taft St. & Hamner Ave.)  
**PALM SPRINGS**.....Oct. 28 & 29, 2005; April 28 & 29, 2006  
 Fire Dept. Training Center 3000 E. Alejo Rd. (cross Civic Dr.)  
**PEDLEY**. Sept. 3, 2005. Every Sat. beginning Oct. 1, 2005 (except holiday weekends)  
 Riv. Co. Rd. Yard 6851 Van Buren Blvd. (cross Clay St.)  
**RANCHO MIRAGE**.....Apr. 1, 2006  
 City Property 71550 San Jacinto Dr. (cross Sunrise Ct.)  
**RIVERSIDE**.....Sept. 10, Dec. 10, 2005; Mar. 11, Jun. 3, 2006  
 City of Riverside Corp. Yard 8095 Lincoln Ave. (cross St. Lawrence St.)  
**SAN JACINTO**.....Feb. 25, 2006  
 City of San Jacinto Old City Corp. Yard 910 Industrial Way (cross Grand Ave.)

**RIVERSIDE COUNTY ENVIRONMENTAL HEALTH DEPT. [www.rivcoeh.org](http://www.rivcoeh.org)**

Your home and garage may seem safe, but look again. If you find the following products, *you have hazardous materials.*

- Deodorizers
- Cleaners
- Bleach
- Floor Wax
- Spot Remover
- Drain Cleaner
- Furniture Polish
- Aerosol Cans
- Latex Paints
- Oil Based Paints
- Weed Killer
- Fertilizer
- Antifreeze
- Pesticides
- Pool Chlorine
- Sharps/Needles
- Household & Auto Batteries
- Garden Chemicals
- Motor Oil
- Used Oil Filters
- BBQ Propane Tanks

**CAUTION:**

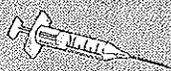
- You may bring up to five gallons of a hazardous liquid waste or a total of 50 pounds maximum per car/per trip (enforced by CHP). However, multiple trips are allowed.
- Container shall be marked and secured to prevent leaks. Do not mix waste products.
- Containers holding gasoline will not be returned.

**RESTRICTIONS:**

County of Riverside residents only; no explosives/ammunition; no 30 or 55-gallon drums; no radioactive materials; no appliances; no tires; no medical waste; no business or non-profit waste.

### NEEDLE DISPOSAL

For proper disposal location information **(800) 304-2226**



# Used Motor Oil and Filters

Don't contribute to pollution in the storm drains and waterways by improper disposal of waste oil. Riverside County residents can recycle used motor oil for **FREE** at many convenient locations. Bring your oil in containers that are secured to prevent leakage. You can transport up to 5 gallons per trip.

Certified Used Oil Collection Centers are local businesses that will collect oil during normal business hours. Some locations will even recycle drained oil filters. Please call the store location for availability first.

Certified Centers: For locations near you call: **1-800-253-2687** or <http://www.cleanup.org>



## Curbside Oil Recycling

Most trash haulers offer curbside recycling programs for Used Oil and Filters. Contact your solid waste hauler for details.



**RECYCLE  
USED OIL FILTERS**

## ABOP – Antifreeze, Batteries, Oil, and Paint (latex only) (951) 358-5256

These County facilities are open on Saturdays from 9:00 am to 2:00 pm (except holiday weekends and inclement weather). It is a convenient way to drop-off some of the most frequently used household items for disposal.

**Palm Springs ABOP** – 3000 E. Alejo Rd., Palm Springs, 92262

**Pedley ABOP** – 6851 Van Buren Blvd., Riverside, 92509

**Murrieta ABOP** – 25315 Jefferson Ave., Murrieta, 92362

## Rural Household Hazardous Waste Collection Program (951) 486-3200

*These events are scheduled to provide service to the more remote unincorporated areas of the County.*

Aguanga – Aguanga Fire Station, 44222 Sage Rd., 92536.....Oct. 8, 2005; June 10 & Oct. 7, 2006

Anza - Anza Transfer Station, 40329 Terwilliger Rd., 92539.....Sept. 17 & Dec. 3, 2005; March 11, Sept. 16 & Dec. 2, 2006

Desert Center – Desert Center Landfill, 17991 Kaiser Rd., 92239.....Feb. 2, 2006

Mecca - Mecca II Landfill, 95250 66th Ave., Mecca, 92254.....Oct. 22, 2005; May 20 & Oct. 21, 2006

Pinyon Pines – Pinon Flats Drop-off Center, southern end of Pinon Flats Rd., 92561.....Nov. 5, 2005; May 6 & Nov. 4, 2006

*\*Contaminated oil is accepted at all HHW events.*

# COMPOSTING

Learn how to turn green waste into compost at a Riverside County Backyard Composting Workshop. Low cost compost bins are available to residents at all workshops.

### COMPOST WORKSHOP SCHEDULE

Date	Time	Location	Date	Time	Location
Sept. 17	9:00 AM	Palm Springs	Jan. 28	9:00 AM	Lake Elsinore
Oct. 1	10:00 AM	Temecula	Feb. 4	10:00 AM	Temecula
Oct. 15	9:00 AM	Moreno Valley	Feb. 25	9:00 AM	Moreno Valley
Oct. 22	10:00 AM	San Jacinto	March 4	9:00 AM	Blythe
Nov. 5	10:00 AM	Indio	March 25	9:00 AM	Palm Desert
Nov. 19	9:00 AM	Jurupa	April 1	9:00 AM	Jurupa
Dec. 3	9:00 AM	Palm Desert	April 8	10:00 AM	Desert Hot Springs

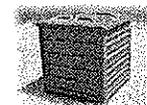
For more information: Riverside County Waste Management Department  
(951) 486-3200 or <http://www.rivcowm.org>

## Compost Bins Available

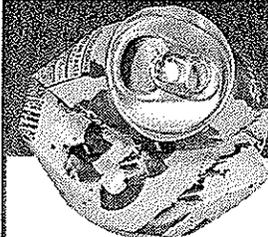


Presto Bin  
**\$9**

Worm Bin  
**\$65**



Biostack Bin  
**\$35**



# RECYCLE. IT'S GOOD FOR THE BOTTLE. IT'S GOOD FOR THE CAN.

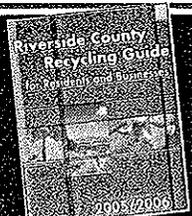
To find a Beverage Container Recycler in your area, please call **1-800-RECYCLE** or [www.bottlesandcans.com](http://www.bottlesandcans.com).

## FREE Recycling Guide

Pick-up a free copy of the **Riverside County Recycling Guide 2005/2006** at your local Riverside County Library.

**DOWNLOAD** a copy from our website:

[www.rivcowm.org](http://www.rivcowm.org)



*This insert has been funded through a cooperative effort from the County of Riverside Departments of Environmental Health and Waste Management, the Cities and County of Riverside Storm Water/Clean Water Protection Program, California Department of Conservation, and the California Integrated Waste Management Board. Zero Waste - You Make It Happen!*

**Lead Agency<sup>1</sup> Form 303a Household Hazardous Waste Collection Information For Fiscal Year 2005-2006**

<sup>1</sup>If your jurisdiction or agency was the Lead for collecting HHW, you will report your waste collection and disposal activity on the Lead Agency Form 303a

**Section A. Reporting Requirements:**

**Purpose of Forms 303a and 303b**

Each jurisdiction in California is mandated to complete Forms CIWMB 303a or 303b annually, with the amount of household hazardous waste (HHW) collected and its method of management reported on the Form 303a (California Code of Regulations, Title 14, Sections 18751.2). The Forms 303a and 303b specifically fulfill the reporting requirements of the Household Hazardous Waste Element of the California Integrated Waste Management Board's (CIWMB) Countywide Integrated Waste Management Plans. The Forms 303a and 303b are also regulated to satisfy the Department of Toxic Substances (DTSC) directive (Health and Safety Code Section 25218.10) to collaboratively maintain HHW volume totals with the Board for all HHW collection events, facilities, and programs within the State.

The completed Form 303a provides the total waste volume amounts collected for all HHW programs (including permanent, temporary, recycle only, mobile, door to door, and any other type of collection program the jurisdiction identifies as part of their HHW collection program) that were sponsored in the previous fiscal year, starting July 1 of the previous year and ending June 30 of the current year. The completed Forms 303a and 303b **must be sent to the DTSC on or before October 1 of each year.**

**Who must fill out the Forms?**

Each jurisdiction must fill out a Form 303a or 303b. If your jurisdiction or agency was the Lead for collecting HHW, you will report your waste collection and disposal activity on the Lead Agency Form 303a. If your jurisdiction or agency **did not have** a permitted HHW collection program during the previous fiscal year, or you were **not the Lead** for the collection program, you will complete the Non-Lead Agency Form 303b to satisfy the regulatory requirements. You may download the complete Lead Agency or Non-Lead Agency forms at <http://www.ciwmb.ca.gov/hhw/Reporting/default.htm> or contact DTSC at (916) 323-9618 to have one sent to you.

**Where do I send my completed Form?**

Completed forms shall be submitted electronically to the DTSC as an email attachment to [form303@dtsc.ca.gov](mailto:form303@dtsc.ca.gov). You must first save the completed spreadsheet on your own computer under a new name. Use a name that will uniquely and clearly identify your jurisdiction or agency such as `form303sacramento.xls`, for example. Then, send the newly named completed spreadsheet as an E-mail attachment to the address above.

Upon request to the CIWMB, you may be exempted from filing electronically, and instead print out the completed spreadsheet and mail it to:

Department of Toxic Substances Control (DTSC)  
Household Hazardous Waste (HHW) Unit - Form 303  
P.O. Box 806  
Sacramento, CA 95814-0806

**Section B. Jurisdiction:**

Please do not include your contractor's name.

Name of Public Agency Reporting:		County of Riverside Department of Environmental Health			
Non-Lead Participants Represented by Reporting Jurisdiction/Agency (i.e., individual city(ies), county(ies), other agency(ies)):	1)	5)	9)		
	2)	6)	10)		
	3)	7)	11)		
	4)	8)	12)		
Mailing Address:		4065 County Circle Dr.			
City:	Riverside	Zip code:	92503	County:	Riverside
HHW Program Manager:		Sandy Bunchek		Phone Number:	(951) 358-5055
Fax Number:	(951) 358-5017	Email Address:	sbunchek@co.riverside.ca.us		
Contractor's Name (if applicable):		MSE Environmental Temporary			
Name of Permanent Facility within Program Service Area (if applicable):		EPA ID#:			
Site Contact Name/Title:		Phone Number:			
Facility Address:		Email Address:			
City:		Zip Code:		County:	
Name of Permanent Facility within Program Service Area (if applicable):		EPA ID#:			
Site Contact Name/Title:		Phone Number:			
Facility Address:		Email Address:			
City:		Zip Code:		County:	
Name of Permanent Facility within Program Service Area (if applicable):		EPA ID#:			

Site Contact Name/Title:		Phone Number:	
Facility Address:		Email Address:	
City:	Zip Code:	County:	

For additional permanent facilities within the program service area, please attach a separate page.

### Section C. Program Types:

The program types include Permanent, Temporary (periodic), Mobile, Recycle-only program, Door-to-Door (residential), Curbside (other than oil), Load Check and/or Other (identify type of program). Remember - Certified Oil Centers and Curbside Oil collection programs, whose oil is reported as part of a jurisdiction's Used Oil Block grant, should not be included in Form 303 reporting.

### Section D. EPA ID Numbers:

Please list all EPA ID Numbers for each program type used last year (add additional rows if necessary).

Program Type	EPA ID Number	Program Type	EPA ID Number
Murrieta - Temporary	CAH 111000084		

### Section E. Participation:

Number of Households that participated in collection program:	1459
Number of Households in service area:	

### Section F. Waste Volumes:

**Example:** In the example sheet below, for the period July 1, 2004 to June 30, 2005 under the heading "Pounds Collected by Program Type" the City has entered the number of pounds of material in the waste stream "Flammable liquids / solids" collected within the City into the cell corresponding to the program type used to collect the material. In this example case, 40 pounds was collected at a permanent facility, 50 pounds at a temporary event site, and 20 pounds were collected during load checks. The spreadsheet will calculate the total amounts for you. On the right side of the spreadsheet, under "Pounds Disposed / Diverted", the City has entered the estimated number of the total pounds of collected material in the cell corresponding to the management method used to dispose or divert the material. In this case 66 pounds of the total collected material was sent to destructive incineration and 44 pounds was incinerated as fuel. The spreadsheet will calculate the total pounds for you. Please check to be sure that the "Total Pounds Collected" is the same as "Total Pounds Disposed/Diverted."

Material Type	Pounds Collected by Program Type										Pounds Disposed / Diverted by Management Method						
	Permanent Facility	Temporary (periodic) Facility	Mobile Facility	Recycle-only Facility	Door to Door (residential) Program	Curbside Program (other than oil)	Load Check	Other (name)	Total Weight Collected (in pounds)	Destructive Incineration	Fuel Incineration	Landfill	Neutralization / Treatment	Recycled	Reused	Stabilization	Total Pounds Disposed / Diverted
<b>1. Flammable and Poison</b> Flammable solids / liquids	40	50				20		110	66	44							110

### Section F. Waste Volumes:

**Instructions:** Enter the number of pounds of material in the waste stream collected within the area into the cell corresponding to the program type used to collect the material. The spreadsheet will calculate the total amounts for you. Also enter the estimated number of pounds of the collected material in the cell corresponding to the management method used to dispose or divert the material. Definitions of the "Management Methods" are presented in Title 14, 18751.2.1 (c). The spreadsheet will calculate the total pounds disposed or diverted for you. Note: Quantities reported under "Load Check" and other collection categories should not be double counted under "Permanent Facility."

Material Type	Pounds Collected by Program Type										Pounds Disposed / Diverted by Management Method						
	Permanent Facility	Temporary (periodic) Facility	Mobile Facility	Recycle-only Facility	Door to Door (residential) Program	Curbside Program (other than oil)	Load Check	Other (name)	Total Weight Collected (in pounds)	Destructive Incineration	Fuel Incineration	Landfill	Neutralization / Treatment	Recycled	Reused	Stabilization	Total Pounds Disposed / Diverted
<b>1. Flammable and Poison</b> Flammable solids / liquids		11781					89	11870	11870								11870
Bulked flammable liquids		0						0									0
Oil - base paints		11108					83	11191		11191							11191

Material Type		Pounds Collected by Program Type										Pounds Disposed / Diverted by Management Method						
		Permanent Facility	Temporary / Periodic Facility	Mobile Facility	Recycle-only Facility	Door-to Door (residential) Program	Curbside Program (other than oil)	Load Check	Other (name)	Total Weight Collected (in Pounds)	Destructive Incineration	Fuel Incineration	Landfill	Neutralization / Treatment	Recycled	Reused	Stabilization	Total Pounds Disposed / Diverted
	Poisons		3798							3798	3798							3798
	Reactive and explosive		0							0								0
	<b>subtotal</b>	0	26687	0	0	0	0	0	172	26859	15668	11191	0	0	0	0	0	26859
<b>2. Acid</b>	Inorganic and organic acid		914							914	914							914
<b>3. Base</b>	Inorganic and organic base		1476						3	1479	1479							1479
<b>4. Oxidizer</b>	Neutral oxidizers, Organic peroxides, Oxidizing acid, and Oxidizing base		1183							1183	1183							1183
<b>5. PCB - containing</b>	PCB - containing paint		0							0								0
	Other PCB waste (includes ballasts)									0								0
	<b>subtotal</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>6. Reclaimable</b>	Antifreeze		1658							1658				1658				1658
	Auto type batteries (motor vehicles)		11320							11320				11320				11320
	Latex paint		18930					400		19330				19330				19330
	Motor oil/oil products		8710							8710				8710				8710
	Used oil filters (recyclables only)		164							164				164				164
	<b>subtotal</b>	0	40782	0	0	0	0	400	41182	0	0	0	0	41182	0	0	0	41182
<b>7. Asbestos</b>	Asbestos		82							82		82						82
<b>8. Universal Waste (UW) *</b>	Mercury containing thermostats / automatic switches / thermometers / and novelties		0							0								0
	Mercury containing waste (other)		21							21				21				21
	Lamps		52							52				52				52
	Rechargeable batteries		57							57				57				57
	Other batteries		608							608				608				608
	<b>subtotal</b>	0	738	0	0	0	0	0	738	0	0	0	0	738	0	0	0	738
<b>Electronic Waste (UW)</b>	Covered Electronic Devices		11913							11913				11913				11913
	Universal Waste Electronic Devices		3783							3783				3783				3783
	<b>subtotal</b>	0	15696	0	0	0	0	0	15696	0	0	0	0	15696	0	0	0	15696
<b>Aerosol Containers (UW)</b>	Aerosol containers									0								0
<b>Other UW</b>	(name)									0								0
	<b>all UW subtotal</b>	0	16434	0	0	0	0	0	16434	0	0	0	0	16434	0	0	0	16434
* To be considered Universal Waste, all waste in this category except for batteries, must be managed by recycling. Energy recovery or fuel incineration is not considered recycling. If the waste cannot be managed by recycling, it is not universal waste and must be managed as a hazardous waste. The completed Disposed/Diverted Management Methods section will show whether or not wastes were managed as a universal waste.																		
<b>9. Other HHW</b>	Home - generated sharps		234							234	234							234
	Pharmaceutical Waste									0								0
	Compressed gas cylinders		3299							3299	154			3145				3299
	Treated wood									0								0
	Non - UW aerosol containers (corrosive, flammable, poison)		1884							1884	1884							1884
	Other (name) _____		100							100					100			100
	<b>subtotal</b>	0	5517	0	0	0	0	0	0	5517	2272	0	0	3145	100	0	0	5517
<b>10. Grand</b>	<b>Total</b>	0	93075	0	0	0	0	0	575	93650	21516	11191	82	0	60761	100	0	93650

## Lead Agency<sup>1</sup> Form 303a Household Hazardous Waste Collection Information For Fiscal Year 2005-2006

<sup>1</sup>If your jurisdiction or agency was the Lead for collecting HHW, you will report your waste collection and disposal activity on the Lead Agency Form 303a

### Section A. Reporting Requirements:

#### Purpose of Forms 303a and 303b

Each jurisdiction in California is mandated to complete Forms CIWMB 303a or 303b annually, with the amount of household hazardous waste (HHW) collected and its method of management reported on the Form 303a (California Code of Regulations, Title 14, Sections 18751.2). The Forms 303a and 303b specifically fulfill the reporting requirements of the Household Hazardous Waste Element of the California Integrated Waste Management Board's (CIWMB) Countywide Integrated Waste Management Plans. The Forms 303a and 303b are also regulated to satisfy the Department of Toxic Substances (DTSC) directive (Health and Safety Code Section 25218.10) to collaboratively maintain HHW volume totals with the Board for all HHW collection events, facilities, and programs within the State.

The completed Form 303a provides the total waste volume amounts collected for all HHW programs (including permanent, temporary, recycle only, mobile, door to door, and any other type of collection program the jurisdiction identifies as part of their HHW collection program) that were sponsored in the previous fiscal year, starting July 1 of the previous year and ending June 30 of the current year. The completed Forms 303a and 303b **must be sent to the DTSC on or before October 1 of each year.**

#### Who must fill out the Forms?

Each jurisdiction must fill out a Form 303a or 303b. If your jurisdiction or agency was the **Lead** for collecting HHW, you will report your waste collection and disposal activity on the Lead Agency Form 303a. If your jurisdiction or agency **did not have** a permitted HHW collection program during the previous fiscal year, or you were **not the Lead** for the collection program, you will complete the Non-Lead Agency Form 303b to satisfy the regulatory requirements. You may download the complete Lead Agency or Non-Lead Agency forms at <http://www.ciwmb.ca.gov/hhw/Reporting/default.htm> or contact DTSC at (916) 323-9618 to have one sent to you.

#### Where do I send my completed Form?

Completed forms shall be submitted electronically to the DTSC as an email attachment to [form303@dtsc.ca.gov](mailto:form303@dtsc.ca.gov). You must first save the completed spreadsheet on your own computer under a new name. Use a name that will uniquely and clearly identify your jurisdiction or agency such as `form303sacramento.xls`, for example. Then, send the newly named completed spreadsheet as an E-mail attachment to the address above.

Upon request to the CIWMB, you may be exempted from filing electronically, and instead print out the completed spreadsheet and mail it to:

Department of Toxic Substances Control (DTSC)  
Household Hazardous Waste (HHW) Unit - Form 303  
P.O. Box 806  
Sacramento, CA 95814-0806

### Section B. Jurisdiction:

Please do not include your contractor's name.

Name of Public Agency Reporting:		County of Riverside Department of Environmental Health			
Non-Lead Participants Represented by Reporting Jurisdiction/Agency (i.e., individual city(ies), county(ies), other agency(ies)):	1)	5)	9)		
	2)	6)	10)		
	3)	7)	11)		
	4)	8)	12)		
Mailing Address:		4065 County Circle Dr.			
City:	Riverside	Zip code:	92503	County:	Riverside
HHW Program Manager:		Sandy Buncek		Phone Number:	(951) 358-5055
Fax Number:	(951) 358-5017	Email Address:	sbuncek@co.riverside.ca.us		
Contractor's Name (if applicable):		MSE Environmental/Temporary			
Name of Permanent Facility within Program Service Area (if applicable):			EPA ID#:		
Site Contact Name/Title:			Phone Number:		
Facility Address:			Email Address:		
City:		Zip Code:		County:	
Name of Permanent Facility within Program Service Area (if applicable):			EPA ID#:		
Site Contact Name/Title:			Phone Number:		
Facility Address:			Email Address:		
City:		Zip Code:		County:	
Name of Permanent Facility within Program Service Area (if applicable):			EPA ID#:		

Site Contact Name/Title:		Phone Number:	
Facility Address:		Email Address:	
City:	Zip Code:	County:	

For additional permanent facilities within the program service area, please attach a separate page.

**Section C. Program Types:**

The program types include Permanent, Temporary (periodic), Mobile, Recycle-only program, Door-to-Door (residential), Curbside (other than oil), Load Check and/or Other (identify type of program). Remember - Certified Oil Centers and Curbside Oil collection programs, whose oil is reported as part of a jurisdiction's Used Oil Block grant, should not be included in Form 303 reporting.

**Section D. EPA ID Numbers:**

Please list all EPA ID Numbers for each program type used last year (add additional rows if necessary).

Program Type	EPA ID Number	Program Type	EPA ID Number
Murrieta - ABOP	CAH 111000084		

**Section E. Participation:**

Number of Households that participated in collection program:	1743
Number of Households in service area:	

**Section F. Waste Volumes:**

**Example:** In the example sheet below, for the period July 1, 2004 to June 30, 2005 under the heading "Pounds Collected by Program Type" the City has entered the number of pounds of material in the waste stream "Flammable liquids / solids" collected within the City into the cell corresponding to the program type used to collect the material. In this example case, 40 pounds was collected at a permanent facility, 50 pounds at a temporary event site, and 20 pounds were collected during load checks. The spreadsheet will calculate the total amounts for you. On the right side of the spreadsheet, under "Pounds Disposed / Diverted", the City has entered the estimated number of the total pounds of collected material in the cell corresponding to the management method used to dispose or divert the material. In this case 66 pounds of the total collected material was sent to destructive incineration and 44 pounds was incinerated as fuel. The spreadsheet will calculate the total pounds for you. Please check to be sure that the "Total Pounds Collected" is the same as "Total Pounds Disposed/Diverted."

Material Type	Pounds Collected by Program Type										Pounds Disposed / Diverted by Management Method						
	Permanent Facility	Temporary (periodic) Facility	Mobile Facility	Recycle-only Facility	Door to Door (residential) Program	Curbside Program (other than oil)	Load Check	Other (name)	Total Weight Collected (in pounds)	Destructive Incineration	Fuel Incineration	Landfill	Neutralization / Treatment	Recycled	Reused	Stabilization	Total Pounds Disposed / Diverted
<b>1. Flammable and Poison</b> Flammable solids / liquids	40	50				20		110	66	44							110

**Section F. Waste Volumes:**

**Instructions:** Enter the number of pounds of material in the waste stream collected within the area into the cell corresponding to the program type used to collect the material. The spreadsheet will calculate the total amounts for you. Also enter the estimated number of pounds of the collected material in the cell corresponding to the management method used to dispose or divert the material. Definitions of the "Management Methods" are presented in Title 14, 18751.2.1 (c). The spreadsheet will calculate the total pounds disposed or diverted for you. Note: Quantities reported under "Load Check" and other collection categories should not be double counted under "Permanent Facility."

Material Type	Pounds Collected by Program Type										Pounds Disposed / Diverted by Management Method						
	Permanent Facility	Temporary (periodic) Facility	Mobile Facility	Recycle-only Facility	Door to Door (residential) Program	Curbside Program (other than oil)	Load Check	Other (name)	Total Weight Collected (in pounds)	Destructive Incineration	Fuel Incineration	Landfill	Neutralization / Treatment	Recycled	Reused	Stabilization	Total Pounds Disposed / Diverted
<b>1. Flammable and Poison</b> Flammable solids / liquids								0									0
Bulked flammable liquids								0									0
Oil - base paints								0									0

Material Type		Pounds Collected by Program Type									Pounds Disposed / Diverted by Management Method						
		Permanent Facility	Temporary (periodic) Facility	Mobile Facility	Recycle-only Facility	Door to Door (residential) Program	Curbside Program (other than oil)	Load Check	Other (name)	Total Weight Collected (in pounds)	Destructive Incineration	Fuel Incineration	Landfill	Neutralization / Treatment	Recycled	Reused	Stabilization
	Poisons								0								0
	Reactive and explosive								0								0
	<b>subtotal</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>2. Acid</b>	Inorganic and organic acid								0								0
<b>3. Base</b>	Inorganic and organic base								0								0
<b>4. Oxidizer</b>	Neutral oxidizers, Organic peroxides, Oxidizing acid, and Oxidizing base								0								0
<b>5. PCB - containing</b>	PCB - containing paint								0								0
	Other PCB waste (includes ballasts)								0								0
	<b>subtotal</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>6. Reclaimable</b>	Antifreeze				4250				4250				4250				4250
	Auto type batteries (motor vehicles)				12680				12680				12680				12680
	Latex paint				45500				45500				45500				45500
	Motor oil/oil products				24310				24310				24310				24310
	Used oil filters (recyclables only)				1138				1138				1138				1138
	<b>subtotal</b>	0	0	0	87878	0	0	0	87878	0	0	0	87878	0	0	0	87878
<b>7. Asbestos</b>	Asbestos								0								0
<b>8. Universal Waste (UW) *</b>	Mercury containing thermostats / automatic switches / thermometers / and novelties								0								0
	Mercury containing waste (other)								0								0
	Lamps								0								0
	Rechargeable batteries				100				100				100				100
	Other batteries				1456				1456				1456				1456
	<b>subtotal</b>	0	0	0	1556	0	0	0	1556	0	0	0	1556	0	0	0	1556
<b>Electronic Waste (UW)</b>	Covered Electronic Devices								0								0
	Universal Waste Electronic Devices								0								0
	<b>subtotal</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Aerosol Containers (UW)</b>	Aerosol containers								0								0
<b>Other UW</b>	(name)								0								0
	<b>all UW subtotal</b>	0	0	0	1556	0	0	0	1556	0	0	0	1556	0	0	0	1556
* To be considered Universal Waste, all waste in this category except for batteries, must be managed by recycling. Energy recovery or fuel incineration is not considered recycling. If the waste cannot be managed by recycling, it is not universal waste and must be managed as a hazardous waste. The completed Disposed/Diverted Management Methods section will show whether or not wastes were managed as a universal waste.																	
<b>9. Other HHW</b>	Home - generated sharps								0	0							0
	Pharmaceutical Waste								0								0
	Compressed gas cylinders								0								0
	Treated wood								0								0
	Non - UW aerosol containers (corrosive, flammable, poison)								0								0
	Other (name) _____								0								0
	<b>subtotal</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>10. Grand</b>	<b>Total</b>	0	0	0	89434	0	0	0	89434	0	0	0	89434	0	0	0	89434

RIVERSIDE COUNTY WASTE MANAGEMENT DEPARTMENT

RURAL HOUSEHOLD HAZARDOUS WASTE COLLECTION EVENTS FY 05/06  
SANTA MARGARITA RIVER WATERSHED

Waste Type	Anza 09/17/05	Anza 12/3/05	Anza 3/11/06	Pinyon Flats 11/05/05	Pinyon Flats 5/6/06	Aguanga 10/08/05	Aguanga 6/10/06	GRAND TOTAL
Aerosols	100	135	C	20	35	140	100	530
Antifreeze	0	0	A	8	15	0	0	23
Cathode Ray Tubes	9,360	6,955	N	780	1,495	390	2,925	21,905
Caustic Alkaline Liquid	150	60	C	0	8	0	0	218
Corrosive Liquid Acid	150	20	E	0	12	0	0	182
Flammable Gas	480	1,175	L	380	215	75	225	2,550
Flammable Liquid/Solids	560	950	L	250	1,330	400	1,000	4,490
Fluorescent Lightbulbs	0	20	E	0	0	0	0	20
Latex Paint	3,000	1,050	D	450	400	800	200	5,900
Lead Acid Batteries	2,800	3,960		820	920	540	1,395	10,435
Non-RCRA Hazardous Waste	500	2,027		0	0	0	0	2,527
Paint Related	6,000	1,250		350	200	0	100	7,900
Poison Liquid	400	230		0	212	120	200	1,162
Used Oil	9,350	3,740		1,200	1,785	880	1,400	18,355
Used Oil Filters	250	70		2	0	0	0	322
<b>Total lbs. Waste</b>	<b>33,100</b>	<b>21,642</b>	<b>0</b>	<b>4,260</b>	<b>6,627</b>	<b>3,345</b>	<b>7,545</b>	<b>76,519</b>
Participants	124	102	Cancelled	25	40	18	39	348

HAZARDOUS WASTE FOUND AND PROPERLY MANAGED AT LANDFILL SITES

No Landfill sites located in this watershed.

ABANDONED HAZARDOUS WASTE FOUND AND PROPERLY MANAGED ON LANDFILL ACCESS ROUTES  
IN ALL WATERSHEDS AND AT ALL SITES

Waste Type	
Aerosols	0
Antifreeze	0
Cathode Ray Tubes	0
Flammable Gas	0
Flammable Liquid/Solids	0
Latex Paint	0
Lead Acid Batteries	0
Paint Related	0
Poison Liquid	0
Unknowns	0
Used Oil	0
Used Oil Filters	0
<b>Total lbs. Waste</b>	<b>0</b>

**Appendix F**  
**Proposed Revisions to Watershed SWMP**

## **APPENDIX S**

### **Santa Margarita Region Watershed Storm Water Management Plan**

In compliance with Provision K.2 of the Third-Term SMR Permit

## ***Introduction***

In compliance with the Municipal Separate Storm Sewer System (MS4) Permit for the Santa Margarita Region<sup>1</sup> (Permit), the Permittees collaborated to develop a Watershed Storm Water Management Plan for the Santa Margarita Region (Watershed SWMP). This collaboration included meetings among the Permittees, discussions with San Diego County Permittees, and review of MS4 permit compliance documents for the Santa Margarita Region within San Diego County. This appendix describes how each of the requirements for the Watershed SWMP identified in Provision K.2 of the Santa Margarita Third-Term MS4 Permit is addressed. Much of the information required for inclusion in the Watershed SWMP is addressed in the Riverside County Drainage Area Management Plan (DAMP).

The objective of the Watershed SWMP is to maintain and/or improve the quality of Receiving Waters within the Santa Margarita Region by preventing and/or mitigating impacts of Constituents of Concern in urban runoff using regional programs, while considering economic, social and environmental resource limitations.

### ***Provision K.2.a Watershed Map***

Maps of the Santa Margarita Region are provided in the DAMP as Figure 2-3 and Appendix D. These maps contain the following information:

- CWA Section 303(d) impaired receiving waters
- Existing and planned land uses
- MS4
- Major highways
- Jurisdictional boundaries
- Industrial and commercial land uses
- Municipal land uses
- Residential land uses

### ***Provision K.2.b Interagency Agreements***

The District, in its role as Principal Permittee, administers or participates in several interagency programs in consultation with the Santa Margarita Region Co-Permittees. These programs generally benefit the Santa Margarita Region, but may also look at broader issues. These interagency programs are described in Section 3.2 of the DAMP and copies of the interagency agreements supporting these area-wide programs are provided in Appendix G of the DAMP. Interagency agreements with CalTrans, Native American Tribes, school districts and other entities will be sought as needed. However, unlike the Regional Board, the Permittees have no jurisdiction over these entities and cannot compel them to enter into such agreements.

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<sup>1</sup> Order No. R9-2004-001 (CAS0108766), California Regional Water Quality Control Board, San Diego Region, July 14, 2004.

## **Provision K.2.c Water Quality Assessment**

An assessment of the water quality in the Santa Margarita Region is provided in Section 11.3 of the DAMP. This assessment is based upon:

- Existing water quality data; and
- Results from the Receiving Waters and Illicit Discharge Monitoring Programs described in the Monitoring and Reporting Program.<sup>2</sup>

The following additional assessment considers additional historic and current water quality data in the assessment of water quality of all receiving waters in the Santa Margarita Region.

### **Extent and Magnitude of Current Receiving Water Problems**

The Santa Margarita Region supports a variety of ecosystems and provides many beneficial uses (Table K-1)<sup>3</sup>. The USEPA has indicated that major potential sources impacting the Santa Margarita Region include urban runoff/storm sewers as well as unknown point sources.<sup>4</sup> Among the waterbodies within the Santa Margarita Region, (Table K-1), only Murrieta Creek and the Upper Santa Margarita River have been listed as impaired. The single pollutant that Murrieta Creek and the upper Santa Margarita River are listed for is total phosphorus (Table K-2).

**Table K-1. Beneficial Uses of Santa Margarita Region**

<b>Beneficial Use</b>	<b>Murrieta Creek</b>	<b>Cole Canyon</b>	<b>Warm Springs Creek</b>	<b>Santa Gertrudis Creek</b>	<b>Long Valley</b>	<b>Temecula Creek</b>	<b>Santa Margarita River</b>
Municipal and Domestic Supply	X	X	X	X	X	X	X
Agricultural Supply	X	X	X	X	X	X	X
Industrial Service Supply	X	X	X	X	X	X	X
Industrial Process Supply	X	X	X	X	X	X	
Ground Water Recharge	X					X	
Contact Water Recreation				X	X	X	X
Non-contact Water Recreation	X	X	X	X	X	X	X
Warm Freshwater Habitat	X	X	X	X	X	X	X
Cold Freshwater Habitat							X
Wildlife Habitat	X	X	X	X	X	X	X
Rare, Threatened or Endangered Species							X

<sup>2</sup> Monitoring and Reporting Program No. R9-2004-001, NPDES CAS0108766, California Regional Water Quality Control Board, San Diego Region, July 14, 2004.

<sup>3</sup> [www.waterboards.ca.gov/rwqcb9/programs/](http://www.waterboards.ca.gov/rwqcb9/programs/)

<sup>4</sup> State Water Resources Control Board. 2003. 2002 CWA Section 303(d) list of water quality limited segment; San Diego Regional Water Quality Control Board. <[www.waterboards.ca.gov/tmdl/docs/2002reg9303dlist.pdf](http://www.waterboards.ca.gov/tmdl/docs/2002reg9303dlist.pdf)>

**Table K-2. 2002 303(d) List**

Waterbody Name	Calwater Watershed	Pollutant/Stressor	TMDL Priority	Estimated Size Affected
Murrieta Creek	90252000	Phosphorus	Low	12 Miles
Upper Santa Margarita River		Phosphorus	Low	18 miles

**Are Conditions in the Watershed Protective of Beneficial Uses?**

Overall, conditions in the Santa Margarita Region are protective of Beneficial Uses. This is evident in the long-term trends identified in the Watershed Annual Reports that generally show improvements in chemical and biological indicators of water quality. Furthermore, Murrieta Creek and the upper Santa Margarita River are the only Receiving Waters within the Santa Margarita Region that are listed as impaired. They are only listed for total phosphorus. Although total phosphorus was detected at levels greater than the Basin Plan Objective of 0.1 mg/L, the Basin Plan Objective was set extremely low, and is based on objectives set for waterbodies not in California, in watersheds that are not similar to the Santa Margarita Region. The total phosphorus Basin Plan Objective was based on a study of the levels of total phosphorus needed to restore the Everglades, a Florida swamp. This objective may be unachievable using MEP. “Urban Stormwater BMP Performance Monitoring”<sup>5</sup> presents a table (Table 2.9, page 33) of “irreducible concentrations” of selected contaminants, the lowest concentration that can possibly be achieved using existing BMPs. That table, excerpted below, is:

**Table K-3 Irreducible Concentrations**

Contaminant	Irreducible Concentration
Total Phosphorus	0.15 – 0.2 mg/L

Moreover, total phosphorus has been measured at levels greater than the Basin Plan Objective during wet weather events at the Cole Creek background reference station.

Concentrations of volatile organic compounds, semivolatile organic compounds, and polyaromatic hydrocarbons have essentially not been detected. Although low concentrations of metals have been detected, only two trace metals (copper and lead) were consistently measured at concentrations above the California Toxics Rule (CTR) regulatory objectives by 20% for three sampling events in 2004-2005. Total phosphorus was the only nutrient concentration found above the regulatory objective on a persistent basis. Most organophosphate pesticides were not detected and concentrations of Diazinon and Chlorpyrifos are relatively unchanged based on all the data that has been collected since 1993. Turbidity has also been monitored since 1993 and although high levels were measured during the extreme dry and wet weather events of 2004-2005, it does not appear to be consistently problematic.

Fecal coliform bacteria were not considered a persistent problem because levels were above the Basin Plan Objective only during two wet-weather monitoring events at each Triad station during 2004-2005. Fecal coliform bacteria originate from the feces of all warm-blooded animals. Thus, its presence in the environment can be indicative of natural sources (e.g., birds, rodents, cattle, etc.) as well as human sewage. Furthermore, fecal coliform bacteria are ubiquitous in the environment and are frequently found in high densities in urban runoff.

<sup>5</sup> Urban Stormwater BMP Performance Monitoring, prepared by Geosyntec Consultants, Denver Urban Drainage and Flood Control District, and Urban Water Resources Council of ASCE, in cooperation with EPA Office of Water, April 2002.

Although toxicity was associated with storm events, more monitoring will be required to determine if it appears to be related to specific storm events and conditions, especially those related to the extreme rainfall during the 2004-2005 reporting period, rather than a chronic condition.

To determine if similar constituents were observed in the lower Santa Margarita Watershed, the Permittees also reviewed data and documents prepared by the San Diego County NPDES MS4 Permittees. The Santa Margarita Watershed Urban Runoff Management Plan (WURMP) (January 2003) prepared by the San Diego County NPDES MS4 Permittees indicates that the lower Santa Margarita watershed is one of the healthiest in San Diego County. Analysis of the monitoring data submitted as part of their 2003-2004 Santa Margarita WURMP Annual Report (January 2005) by the San Diego County Stormwater MS4 Permittees indicates that bacteria was the only high frequency wet weather constituent to be measured above regulatory benchmarks in the lower Santa Margarita Watershed. Nitrate was identified as a medium frequency constituent measured above regulatory benchmarks. TDS, Turbidity, TSS, Chromium and Copper were identified as low frequency constituents measured above regulatory benchmarks. It should be noted that the bacterial frequency of exceedance of Water Quality Objectives was tainted by the occurrence of sewage overflows during sampling in a prior year (2002-2003). Due to this anomaly and indications of lower frequencies in 2003-2004, bacterial indicators were prioritized as a low Constituent of Concern.

## ***Provision K.2.d***                      ***Constituents of Concern***

Identification and prioritization of Constituents of Concern will be based on a number of factors including:

- Threat to designated Beneficial Uses
- Statistical significance of measurements above Water Quality Objective
- Magnitude of measurements relative to Water Quality Objectives (concentration and/or pollutant loading based)
- Likelihood of urban sources of Constituent of Concern
- Identifiable trends in concentrations of Constituent of Concern
- Best professional judgment
- Other factors deemed relevant

Constituents of Concern will be prioritized as follows:

- “Focus Area” – Regional Programs will be reviewed, and if necessary, enhanced, to ensure that they address those constituents of concern defined as a “Focus Area” to the Maximum Extent Practicable (MEP).
- “Monitor” – Constituents of Concern that have insufficient data to recommend allocating additional resources shall continued to be monitored until data and/or source assessment supports prioritization as a Focus Area.

Pollutants commonly associated with Urban Runoff that are not either Focus Area Constituents of Concern or Monitor Constituents of Concern will be considered “Effectively Controlled”. Effectively Controlled Constituents include those that are regularly measured below Basin Plan Objectives or those where the source is demonstrated to be non-urban (natural background, agriculture), or areas not under the jurisdiction of the Permittees (tribal, state or federal lands). Current Constituents of Concern for the Santa Margarita Region are identified in this section.

Constituent of Concern Analysis

Although water quality is good within the Santa Margarita Region, several categories of constituents have been measured at levels greater than Basin Plan Objectives for both dry and wet weather conditions at all, or most, of the monitoring stations. These constituents include fecal coliform bacteria, total phosphorus, and turbidity. Copper was measured at levels greater than the CTR objective. Total phosphorus was measured in excess of the Basin Plan Objective in nearly every monitored data point. Copper, turbidity and fecal coliform bacteria were prevalent in wet weather flows, but were less prevalent in dry weather flows. Fecal coliform bacteria met the Basin Plan Objective in tributary stations during all dry-weather sampling events. The Basin Plan Objective for copper was met in all dry weather samples from tributary stations with the exception of one dry-weather sample collected at the Redhawk station. All of these parameters have natural sources within the Santa Margarita Region, and were measured above their Basin Plan Objectives at the designated reference stations. Given the limited data sets, lack of consistent measurements in excess of Basin Plan Objectives during dry weather, and the small portion of the Santa Margarita Region that is urbanized, urban sources of these constituents cannot be verified.

However, these constituents have been found at levels greater than Basin Plan Objectives in other urbanized watersheds. To maintain these constituents at levels below Basin Plan Objectives in the Santa Margarita Region, the Permittees will review their SWMPs to further focus local and regional programs on sources of these constituents. The Permittees' goal is to focus on programs and activities to control nutrients and sediments within the Santa Margarita Region. In addition, the Permittees will continue to monitor fecal coliform bacteria and copper to determine if there is a need to "Focused Efforts" of the Regional Program within the Santa Margarita Region on these constituents.

Continued monitoring and data evaluation will confirm if the detections of total phosphorus and turbidity above Basin Plan Objectives are the direct result of natural sources such as recent fires (concentrations should decrease over time) or actually the result of anthropogenic sources (concentrations will vary over time.) The prioritization approach for Constituents of Concern in the Santa Margarita Region is summarized in the following table:

**Table K-4 Prioritized Constituents of Concern**

Constituents of Concern	
Focused Efforts	Nutrients
	Sediments
Monitor	Copper
	Fecal coliform bacteria

Other constituents that are detected above Basin Plan Objectives will also continue to be evaluated on an annual weight of evidence basis for inclusion and/or removal from the constituents of concern list.

Although sediment is included in Table K-4, the Permittees will distinguish between the Constituents of Concern to be addressed by the Watershed SWMP and the Individual SWMPs and what is background resulting from natural processes that should not be controlled. It has been determined that there is a natural background amount of sedimentation that has been greatly attenuated by Vail and Skinner, such that ultimate development will not exceed background levels. The Permittees will focus on control of sediment associated with construction activities and hydromodification from new development and significant redevelopment.

The Permittees' approach to establishing Constituents of Concern is based on a consistent methodology that will be used to direct changes in monitoring programs and improve the identification of priority watershed pollutants Constituents of Concern. In addition, the results of this approach are consistent with the priorities established by San Diego County for the lower Santa Margarita Watershed (nitrogen, phosphorus and TDS were identified as high and medium Priority Constituents of Concern, respectively) and consistent with Regional Board recommendations made in a September 28, 2005 comment letter

regarding the Watershed SWMP. However, the prioritization schemes used by both San Diego County and Riverside County NPDES MS4 Permittees were established by extrapolating limited data sets. This was done through the use of specific assessment tools as well as best professional judgment. It is important that the limitations of these designations, and therefore their provisional nature, be recognized. They should not be used to mandate pollutant priorities, i.e., as specific MS4 Permit conditions. They are watershed-wide generalizations and include monitoring data from a very short time period. It will take many years to collect information that is truly representative of pollutants across entire watersheds. The Permittees are making progress on this monumental task, but caution hasty decisions that do not take into account existing uncertainty and variability in available information.

In spite of the significant improvements made to the Permittee monitoring and assessment tools, it should be noted that specific, localized sources are often difficult to identify due to the complex nature of many constituents. Many tend to be regional and ubiquitous, and others such as bacteria often originate from natural sources (i.e. birds, waterfowl, rabbits, etc). Understanding and effectively managing pollutants of concern is important, but this will ultimately require the continued refinement of many Permittee program elements. Building upon the generalized pollutant source category information gathered during the Second-term MS4 Permit and further refined in the DAMP, the Permittees have an important starting point from which to focus their efforts during the Third-Term MS4 Permit.

As described, an overly narrow interpretation of the results presented above, without a process for continued validation and refinement of priorities, would likely result in critical errors. Constituents indicated as priorities may often not be found over entire watersheds; in such instances, the identification of a particular constituent as a watershed-wide issue may be misleading and impose unnecessary costs. The existing constituent prioritization process allows the flexibility required by several Permittees to initiate activities where they will be of the most benefit. Furthermore, it enables the Permittees to modify priorities when new information is discovered, improving the Permittees' ability to budget appropriately and accommodate current knowledge.

## ***Provision K.2.e Implementation Schedule***

Provision K.2.d. of the Watershed SWMP identifies Constituents of Concern within the Santa Margarita Region. Existing Regional Programs are described throughout the DAMP and are summarized in Provision K.2.f, K.2.g, and K.2.h of this document. Based on the identified Constituents of Concern, the Permittees have proposed several additional or revised regional programs specific to Focus Area Constituents of Concern. The schedule of implementation for these regional programs is described below:

### Long Term Activities to Address Focus Area Constituents of Concern

- Identify and Prioritize Constituents of Concern (completed, updated every five years)
- Track Improvement in Constituents of Concern (completed, updated every five years)
- Encourage Watershed Based Planning Efforts
  - Implement Western Riverside Multiple Species Habitat Conservation Plan (MSHCP) (ongoing)
  - Develop Santa Margarita Watershed Special Area Management Plan (SAMP) (ongoing)
  - Watershed Stakeholder Meeting (annually)
    - Discuss Land Use Coordination
    - Discuss monitoring data and potential management measures to target Focus Area Constituents of Concern.
    - Exchange ideas of how to address sources of Focus Area Constituents of Concern and evaluate effectiveness of actions.
    - Collaborate with water districts in an effort to reduce irrigation water runoff.

- Consider grant applications to coordinate and prioritize water quality projects that address Focus Area Pollutants of Concern.
- Continue to support development of regional/statewide science and studies (continually)
  - Southern California Coastal Watershed Research Project (SCCWRP) - Pathogen Indicator watershed background study (June 2008)
  - Stormwater Monitoring Coalition(SMC)
    - Hydromodification Study (June 2009)
    - Low Impact Development (LID) BMP Effectiveness Study (June 2009)
    - Evaluate appropriateness of Bioassessment Indices of Biotic Integrity for use in Southern California (June 2007)
    - Chemical Lab Intercalibration Program (June 2007)
  - California Stormwater Quality Association (CASQA) - MS4 Program implementation guidance (Ongoing)
  - Santa Margarita Region Watershed Executive Management Team (SMREMT) - Development of SMR Water Quality Model (Ongoing)

#### Short Term Activities to Address the Focus Area Constituents of Concern

- Support Watershed Based Planning
  - Encourage use of native landscaping in new developments to reduce runoff from landscape irrigation.
  - Develop revised Post-Construction BMP Design Handbook with BMP guidance focused on addressing Focus Area Constituents of Concern. BMPs will emphasize natural treatment using enhanced water quality swales (July 2007).
- Public Education
  - Focus education efforts on residents and businesses that use and sell fertilizers, pesticides, and other gardening products.
    - Review existing education materials for needed revisions. Report necessary revisions in Fiscal Year 2005-2006 Santa Margarita Watershed Annual Report, including schedule to complete revisions.
    - Review need for additional advertising of Household Hazardous Waste/Anti-freeze, Batteries, Oil, Latex Paint (HHW/ABOP) collection events, include need for necessary revisions in Fiscal Year 2005-2006 Santa Margarita Watershed Annual Report, including schedule to complete revisions.
  - Focus education efforts on activities that are sources of sediment - Review existing education materials for needed revisions. Report necessary revisions in Fiscal Year 2005-2006 Santa Margarita Watershed Annual Report, including schedule to complete revisions.
- Training - Revise Permittee Training Programs to include modules specifically addressing Constituents of Concern. The following training programs will be reviewed and evaluated for necessary revisions. Program revisions, and schedules for completion of revisions will be included in the Fiscal Year 2005-2006 Santa Margarita Watershed Annual Report.
  - Municipal Training
  - New Development Training
  - Construction Inspection Training
  - Industrial/Commercial Training
- IC/ID - Encourage use of integrated pesticide management measures through Coordination with County Agriculture Commission. A meeting will be scheduled with the County Agricultural Commission to identify partnering opportunities.
- Update Annual Reporting Forms – The Watershed SWMP Annual Reporting Forms contained in Appendix R of the DAMP will be updated to address the Measures of Effectiveness established in the Watershed SWMP prior to Fiscal Year 2005-2006 Santa Margarita Region Annual Report.

The revised reporting forms will be submitted as part of, and used to complete, the Fiscal Year 2005-2006 Santa Margarita Region Annual Report.

### ***Provision K.2.f Watershed-Based Education Program***

The public education program implemented by the Permittees is described in Section 10 of the DAMP. The existing public education program was reviewed by the Permittees and it was determined that it addresses the prioritized water quality issues within the Santa Margarita Region identified pursuant to Provision K.2.d. of the Santa Margarita Third-Term MS4 Permit and Provision K.2.d of the Watershed SWMP. Most of the concerns associated with urban runoff in the Santa Margarita Region are shared with the Santa Ana Region and, in some instances, with the Whitewater Region of Riverside County. Therefore, public education efforts to address these concerns are most effectively addressed through the countywide public education program. However, as noted in Section 10.5.2.4 of the DAMP, and Provisions K.2.1 and K.2.m of the Watershed SWMP, the public education program will be continually assessed for effectiveness in addressing Constituents of Concern.

### ***Provision K.2.g Watershed-Based Land Use Planning***

Requirements for land use planning are prescribed in the Santa Margarita Third-Term MS4 Permit. These requirements are addressed in the Section 6 of the DAMP and the individual SWMPs.

The Permittees currently implement the following collaborative, watershed-based, planning efforts:

- The Multiple Species Habitat Conservation Plan (MSHCP), which is a joint effort of the Santa Margarita Permittees, among others, to develop a comprehensive land use plan to ultimately conserve the environmental resources and habitat of approximately half of the Santa Margarita Region.
- The Special Area Management Plan (SAMP), which is a joint effort between the Santa Margarita Region Permittees, U.S. Army Corps of Engineers and Regional Board staff to develop a plan that will identify, prioritize, and define environmental protections in the form of land use restrictions for the priority Waters of the United States.
- The Santa Margarita River Executive Management Team (SMREMT), which is a coordinated effort led by the U.S. Bureau of Reclamation. Participants include Marine Corps Base Camp Pendleton, the Counties of Riverside and San Diego, local water districts and other stakeholders throughout the watershed. The objective is to develop water quality models and consolidate technical information gathered by the stakeholders that can be used to assess the impacts of future watershed projects and actions on the watershed and to coordinate other watershed based activities.
- Development of an updated BMP Design Manual - The Permittees are working on developing an expanded BMP Design Manual that will provide guidance on how to incorporate LID into new development and select BMPs that are effective for addressing Constituents of Concern within western Riverside County. The BMP Design Manual will focus on natural treatment systems, with a preference for enhanced water quality swales, over water quality basins.

Although the Permittees believe these efforts clearly go beyond the intent of the collaborative watershed based planning requirement, the Permittees will ensure that at least one annual meeting with the San Diego County MS4 Permittees within the Santa Margarita Region, Camp Pendleton, and others is scheduled to discuss land use planning, discuss monitoring data and potential management measures to target Focus Area Constituents of Concern, exchange ideas of how to address sources of Focus Area Constituents of Concern and evaluate effectiveness of actions, collaborate with water districts in an effort to reduce irrigation water runoff and consider grant applications to coordinate and prioritize water quality

projects that address Focus Area Constituents of Concern. This meeting may occur from within the context of another workgroup, such as the SMREMT, or as a separately called meeting, as appropriate.

### ***Provision K.2.h – Other Urban Runoff Management Programs***

The DAMP identifies all programs collectively implemented by the Permittees to address water quality issues. These programs include:

- HHW/ABOP Collection Programs
- MSHCP implementation
- SAMP development
- Public Education
- Staff Training
- Watershed Clean Up Events
- Development of regional WQMP design guidance

These programs are implemented regionally, often throughout western Riverside County. Where appropriate, the Permittees will customize the programs to be specific to the needs of the Santa Margarita Region. However, the Permittees would note that several of the concerns associated with urban runoff in the Santa Margarita Region are shared with the Santa Ana Region and, in some instances, with the Whitewater Region of Riverside County. These concerns are most effectively addressed through the DAMP. For example there would be no benefit to making public education brochures developed to address proper disposal of pet waste specific to the Santa Margarita Region when a region county-wide pet waste brochure has been developed.

### ***Provision K.2.i Permittee Responsibilities***

The Permittee Responsibilities for implementing the programs described in the Santa Margarita Region SWMP as prescribed in the MS4 Permit are provided in Section 3.1.1.2 of the DAMP. In addition, the Permittee responsibilities for program implementation are described in the Implementation Agreement that is provided in Appendix F of the DAMP.

### ***Provision K.2.j Fiscal Analysis***

The funding sources for the area-wide and watershed-based activities and programs are described in Section 3.3 of the DAMP. The allocation of funding responsibilities between the Permittees is described in the Implementation Agreement provided in Appendix F to the DAMP. The expenditures for these activities are provided in the Annual Report.

### ***Provision K.2.k Standardized Reporting Formats***

The Permittees have jointly developed standardized formats for all reports required by the MS4 Permit. Standardized formats have been prepared for the following:

- Annual reports
- Monitoring reports

The Permittees will update the standardized formats as needed during the term of the Third-Term MS4 Permit. The Standard Reporting Forms are included in Appendix R of the DAMP.

## ***Provision K.2.l Short Term Measures of Effectiveness***

The short-term strategy for assessing the effectiveness of the DAMP will require the development of measurable goals and measures of effectiveness for programs proposed to mitigate the impacts of Focus Area Constituents of Concern. The measures of effectiveness will track the year-to-year implementation of the regional programs. The measures of effectiveness will also be used as part of the Long-Term Strategy to measure the effectiveness of the Watershed SWMP as described in Provision K.2.m. Measurable Goals and Measures of Effectiveness for the existing and proposed regional programs are presented below. Unless otherwise stated, the measures of effectiveness will be reported in the Watershed SWMP Annual Report.

- Encourage Watershed Based Planning Efforts
  - Measurable Goals
    - Mitigation of impacts of new development on Receiving Water Quality
    - Coordination of stakeholder planning efforts in the watershed.
    - Development of WQMP BMP Guidance specific to Constituents of Concern in the Santa Margarita Region.
  - Measures of Effectiveness
    - Annual Summary Reports of benefits of MSHCP Implementation
    - Annual Summary Report of SAMP Development
    - Summary Report of Watershed Stakeholder Meetings and agendas.
    - Summary Report of status of WQMP BMP Guidance
- Continue to support development of regional science and other studies to further understand and mitigate water quality impairments
  - Measurable Goals
    - Standardization of monitoring sampling and analysis protocols
    - Testing and development of potential BMPs for mitigating Urban Runoff Water Quality Impacts
    - Develop a better understanding of ambient watershed conditions
  - Measures of Effectiveness
    - Annual Status Reports of ongoing studies
    - Submittal of completed studies
- Public Education and Outreach
  - Measurable Goals
    - Provide targeted audience with consistent message regarding watershed concepts, urban runoff and sediment pollutant-causing activities.
    - Increased awareness/knowledge of impacts of activities on and measures to protect Receiving Water quality.
    - Change in behaviors necessary to protect Receiving Water quality.
  - Measures of Effectiveness
    - Track materials distributed
    - Track public education events attended
    - Provide summary report of on-going program modifications
    - Conduct public surveys to assess public understanding
    - Track media impressions

- Training
  - Training programs will incorporate tests to evaluate their effectiveness at educating participants regarding NPDES requirements and mitigating Focus Area Constituents of Concern.
  - Measurable Goals:
    - Provide training to identify and address potential sources of Constituent of Concern
    - Increased awareness/knowledge of potential sources of Constituent of Concern.
    - Change in behavior to address potential sources of Constituent of Concern.
  - Measures of Effectiveness
    - Training course notes and Attendee List
    - Summary statistics on testing results
  
- Waste Collection and Watershed Clean-Up Events
  - Measurable Goals
    - Reduction in trash and litter in the Santa Margarita Region
    - Reduction of Household Hazardous Waste (HHW) and Antifreeze, Oil, Batteries and Paint (ABOP) illegally dumped in the watershed
    - Increase awareness of impacts of HHW, ABOP, trash and litter on Santa Margarita Region
  - Measures of Effectiveness
    - Annual summary report of materials removed/collected
    - Annual summary report of public outreach conducted as part of collection/removal events

### ***Provision K.2.m Long Term Measures of Effectiveness***

The objective of the Watershed SWMP is to maintain and/or improve quality of Receiving Waters within the Santa Margarita Region by mitigating impacts of Constituents of Concern in urban runoff using regional programs, while considering economic, social and environmental resource limitations. The Permittees have established the following process, which will be incorporated into future ROWD's as part of the long-term strategy to measure the effectiveness of the Watershed SWMP at addressing this objective:

- A. Identify and Prioritize Constituents of Concern that impact or may impact Receiving Waters within the Santa Margarita Region.
- B. Assess Effectiveness of existing Watershed SWMP in addressing Focus Area Constituents of Concern.
- C. Modify existing programs as necessary to improve their overall effectiveness at addressing Focus Area Constituents of Concern. Re-prioritize Watershed SWMP resources and activities on Focus Area Constituents of Concern.

### **Identify and prioritize potential Constituents of Concern within Receiving Waters during Report of Waste Discharge (ROWD) process.**

The Monitoring and Reporting Program requires Permittees to implement a wet and dry-weather monitoring program to annually assess toxicity, chemical and biological impacts of urban runoff on tributary Receiving Waters. Triad monitoring stations were established in the two major Receiving Waters that receive urban runoff from the MS4: Murrieta Creek and Temecula Creek. Additional triad reference stations were established in Cole (wet weather) and Adobe Creeks (dry weather) to help differentiate background constituent levels that may exceed Water Quality Objectives from constituents

that may be contributed from the urbanized area, non-urban land uses such as agriculture or areas not under the jurisdiction of the Permittees such as tribal or state and federal lands. Together, these three Triad stations provide indications of Receiving Water quality in each of the major Receiving Waters and are used to identify potential Constituents of Concern that may be impairing Beneficial Uses.

Four additional Tributary Stations were established at outfalls to major MS4 facilities (Warm Springs Creek, Redhawk Channel, Santa Gertrudis Creek and Long Canyon Wash). These four Tributary stations will be used to assist in assessments of which portions of the MS4 may be contributing to potential Conditions of Concern.

A relatively limited amount of data exists for the stations that are being monitored. The Third-Term SMR Permit included a comprehensive revision to the SM4 monitoring program. The revised Monitoring and Reporting Program contained within the Third-Term SMR Permit was implemented in October 2004. The Stormwater Monitoring Coalition has developed Urban Runoff monitoring program guidance that includes information on calculating statistical power of a monitoring design. The statistical power of a monitoring design is its ability to detect a change, such as a trend. In addition, power analyses can reveal important inherent constraints on the ability to detect trends imposed by underlying variability in the system being monitored. This can provide a realistic basis for establishing both management and monitoring goals, as well as a basis for making tradeoffs in the monitoring design. Preliminary power analyses were conducted for dry weather monitoring of nutrients (total nitrogen and total phosphorus) at the three triad stations. Based on the results, presuming 2 dry weather samples per year, and presuming that an 80% confidence interval is acceptable, it would take about 5-10 years of data collection to detect a change of 50% in concentration, 10-15 years of data to detect a 25% change, and 15-20+ years of data to detect a 10% change. Although the power analysis for each constituent will vary based on both the constituent and whether the power analysis is conducted on wet or dry weather data, the aforementioned values are representative of the range of years that it would take to detect trends of varying significance.

Due to the number of years of data that are necessary to determine statistically significant trends, trend analysis of water quality data and identification and prioritization of Constituents of Concern will be conducted at the end of each Permit term as part of the ROWD. During the ROWD, the Permittees will also consider water quality data from other sources including the 303(d) listing process and San Diego County. The method to define Constituents of Concern is summarized in Provision K.2.d. of the Watershed SWMP.

### **Assess Effectiveness of the Watershed SWMP**

Major regional programs and activities in the Watershed SWMP will specify appropriate measurable goals. Measures of Effectiveness will then be established to determine if the measurable goals have been met. The following measures of effectiveness will be considered and implemented as part of the regional program to ensure that regional programs can be assessed as part of the long-term strategy to assess the effectiveness of the Watershed SWMP:

- Education Programs – Public outreach surveys will be used to collect annual data that can be used to assess trends in the public's understanding of water quality issues over time.
- Training Programs – Training programs will include tests that can be used to assess the effectiveness of the training program over time.
- Other regional programs – Will consider appropriate measures of effectiveness that can be used to assess achievement of measurable goals.
- All programs – Trend analysis of water quality data will be used to determine if improvement or degradation of individual constituents of concern associated with urban runoff can be observed.

In many cases it is expected that multiple years of data will need to be collected before effectiveness in achieving measurable goals can be established.

**Re-prioritize Watershed SWMP resources and activities on Focus Area Constituents of Concern. Modify existing programs as necessary to improve their overall effectiveness at addressing Focus Area Constituents of Concern.**

Regional and local permit compliance programs will be comprehensively assessed as part of each ROWD. Specific programs will be abandoned, maintained, enhanced or developed to address revised Focus Area Constituents of Concern identified as part of the ROWD process. Regional and local permit compliance programs revisions may also be implemented based on trend analysis of water quality data and other effectiveness indicators described above.