



# **Storm Water Management Program**

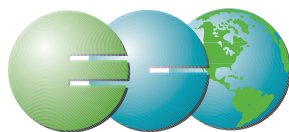
**for the**



**Rancho Murieta  
Community Services District**

**Submitted:**

**September 2008**



**ECORP Consulting, Inc.**  
ENVIRONMENTAL CONSULTANTS

**CONTENT**

**Storm Water Management Program  
Rancho Murieta Community Service District**

**Section 1: Introduction**.....1  
1.1 Rancho Murieta Background.....1  
1.1.1 Rancho Murieta Community Background .....1  
1.1.2 Rancho Murieta Community Services District Background.....3  
1.1.3 Other Rancho Murieta Business Entities .....3  
1.2 Regulation History .....4  
1.3 Regulatory Requirements.....6  
1.4 Program Benefits.....6

**Section 2: Program Overview**.....7  
2.1 Program Strategy .....7  
2.2 Program Scope .....7  
2.2.1 Minimum Control Measures .....8  
2.2.1.1 Public Education and Outreach (PO).....8  
2.2.1.2 Public Involvement (PI).....8  
2.2.1.3 Illicit Discharge Detection and Elimination (IDDE) .....9  
2.2.1.4 Construction Site Storm Water Runoff Control (CSSWRC) .....9  
2.2.1.5 Post-Construction Storm Water Management (PCSWM) .....10  
2.2.1.6 Pollution Prevention and Good Housekeeping for Municipal  
Operations (GH) .....11  
2.2.2 Monitoring and Reporting.....11

**Section 3: Program Description** .....12  
3.1 Public Education and Outreach (PO) .....12  
3.1.1 Description.....12  
3.1.2 Best Management Practices.....12  
3.1.3 Public Education and Outreach Fact Sheet .....14  
3.2 Public Involvement (PI) .....19  
3.2.1 Description.....19  
3.2.2 Best Management Practices.....19  
3.2.3 Public Involvement Fact Sheet .....21  
3.3 Illicit Discharge Detection and Elimination (IDDE).....27  
3.3.1 Description.....27  
3.3.2 Best Management Practices.....28  
3.3.3 Illicit Discharge Detection and Elimination Fact Sheet .....32  
3.4 Construction Site Storm Water Runoff Control (CSSWRC) .....43  
3.4.1 Description.....43  
3.4.2 Best Management Practices.....43  
3.4.3 Construction Site Runoff Control Fact Sheet .....46  
3.5 Post-Construction Storm Water Management (PCSWM) .....56  
3.5.1 Description.....56

3.5.2	Best Management Practices.....	56
3.5.3	Post-Construction Storm Water Management Fact Sheets .....	58
3.6	Pollution Prevention and Good Housekeeping for Municipal Operations (GH) .....	64
3.6.1	Description.....	64
3.6.2	Best Management Practices.....	64
3.6.3	Pollution Prevention and Good Housekeeping for Municipal Operations Fact Sheets .....	67
<b>Section 4: Monitoring and Reporting.....</b>		<b>76</b>
<b>References.....</b>		<b>77</b>
 <b><u>LIST OF FIGURES</u></b>		
Figure 1.	Rancho Murieta CSD Site and Vicinity.....	2

# Section 1: Introduction

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This document represents the Rancho Murieta Community Services District's Storm Water Management Program (SWMP). The SWMP outlines a comprehensive set of priorities, programs and activities, and strategies that constitute the District's Minimum Control Measures (MCMs), and Best Management Practices (BMPs), which are believed to achieve the goal of reducing pollutants in storm water to the Maximum Extent Practicable (MEP). The SWMP documents existing elements of the Rancho Murieta Community Services District's storm water quality program and provides a road map for the development of future program components.

## 1.1 Rancho Murieta Background

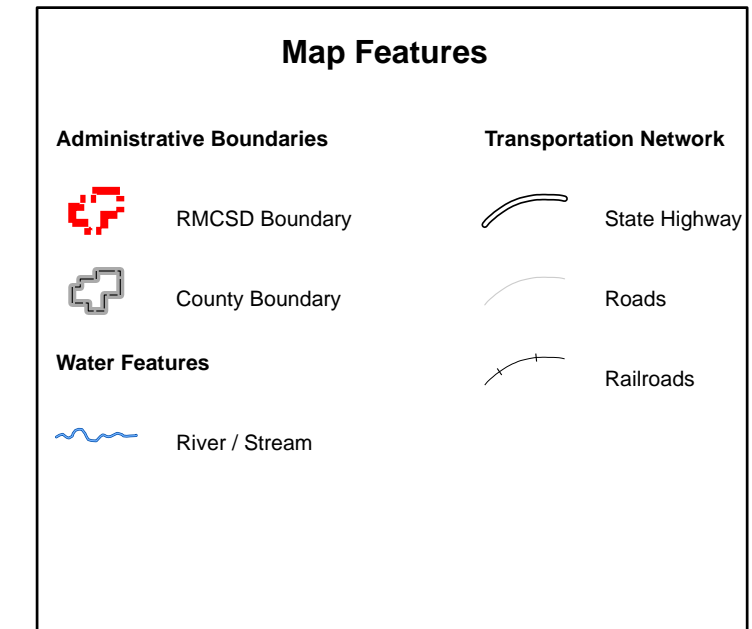
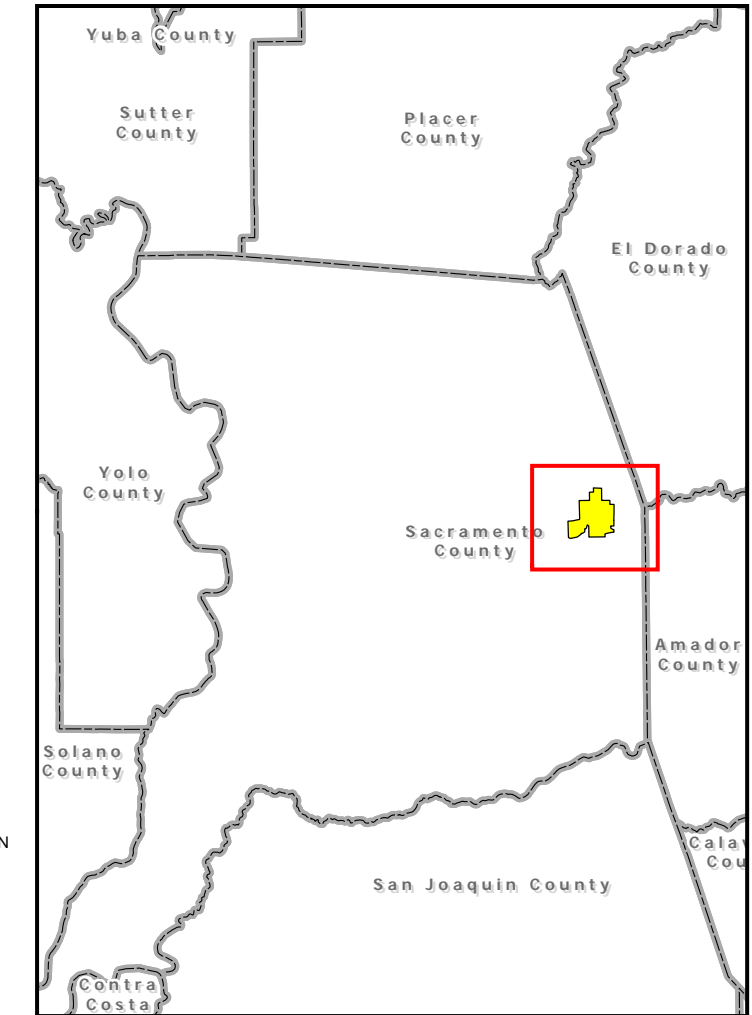
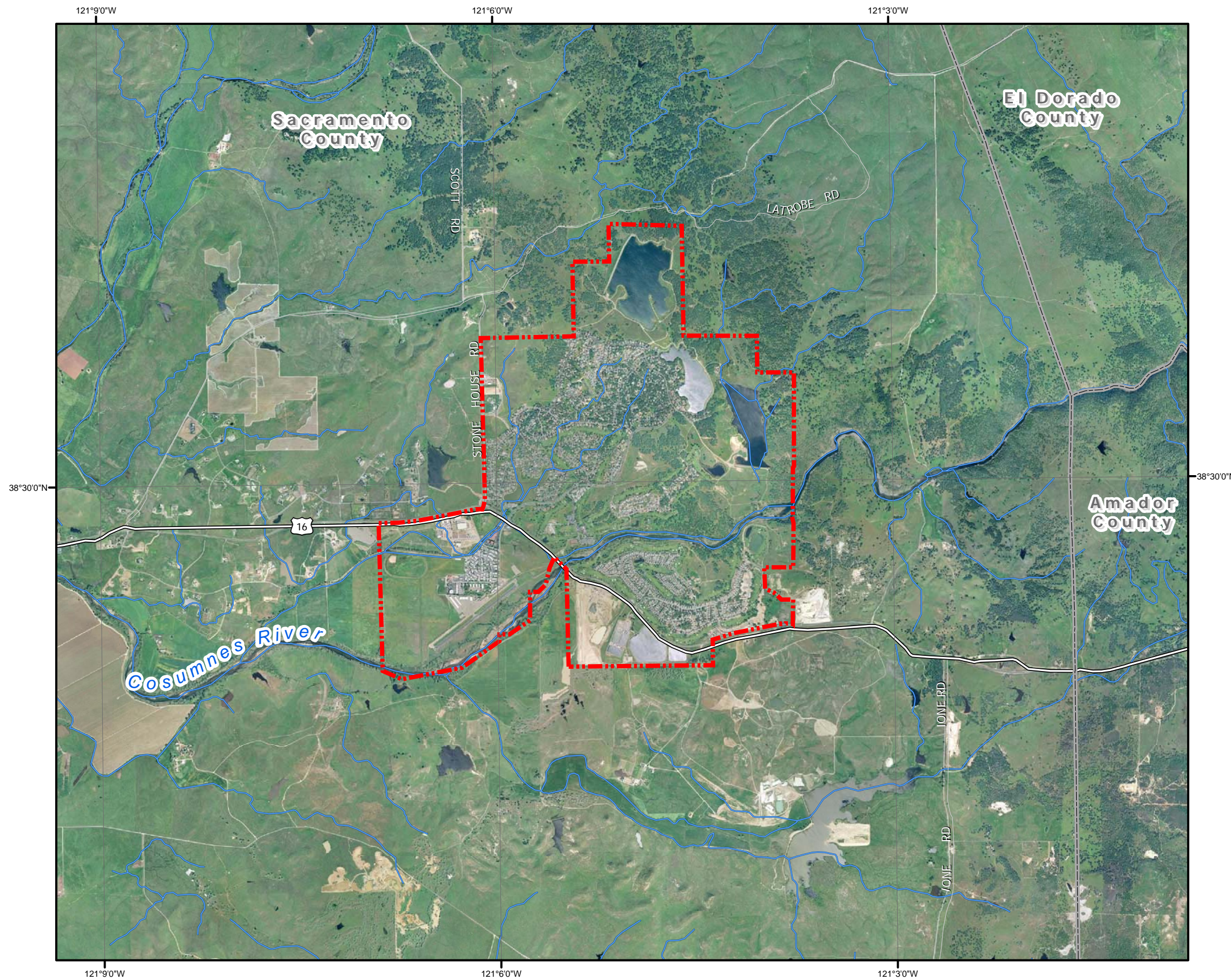
### 1.1.1 RANCHO MURIETA COMMUNITY BACKGROUND

Rancho Murieta, a master-planned community located about 24 miles southeast of downtown Sacramento, was approved by the County in 1969 (Figure 1. *Rancho Murieta CSD Site and Vicinity*). The community's approved master plan allows for the construction of 5,189 dwelling units. However, more recent development plans suggests 4,100-4,400 dwelling-units. Today, the population of Rancho Murieta is over 6,000 and expected to reach nearly 10,000 in the coming years. Historically, the growth rate in the 1990's was 2-3%, whereas in the 2000's it has been 4-5% per year. This later growth rate would suggest a build-out horizon of 8-10 years.

Rancho Murieta is located within eastern Sacramento County whose total population is approximately 1,209,500

The residential community is a blend of custom and production homes, townhouses, and mobile homes with parks, tennis courts, ball fields, tot lots, and picnic areas to support the residents. Meandering throughout the residential areas are two 18-hole championship golf courses. South of Highway 16 is a 100-acre equestrian center, retail complex, a local airport, post office, office space and a fire station.

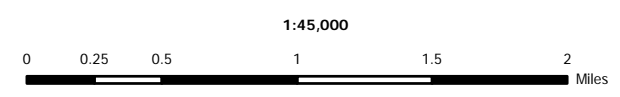
The Cosumnes River bisects the community north and south, while Highway 16 bisects the community east and west. Generally, the residential areas are north of the highway on both sides of the river and the commercial and other uses are south of the highway. South of the highway is an age restricted mobile home community.



File Location: J:\GIS\_Maps\2005-223\_Ranch\_Muretta\_CSD\Area\_Map.mxd

Map Projection: California StatePlane Zone 11  
 Datum: North American Datum 1983 (NAD83)  
 Graticules: World Geodesic Survey 1984 (WGS84)  
 3° 00" Lat/Long

**FIGURE 1. Rancho Murieta CSD Site and Vicinity**  
 2005-223 Rancho Murieta CSD



### **1.1.2 RANCHO MURIETA COMMUNITY SERVICES DISTRICT BACKGROUND**

The Rancho Murieta Community Services District (District) was formed in 1982, by a vote of the residents, to provide essential services to an area of 3,500 acres (5½ square miles). The District began operations in 1983, replacing El Dorado Irrigation District in providing water, wastewater, and drainage services. Subsequently, in 1985, the District began to provide security services, including both manned entry gates and roving patrol, to the community.

The District functions as the local government, providing security, water, sewer, and drainage services to the entire District. Land use approvals are at the discretion of Sacramento County Board of Supervisors.

In 1988, the District assumed storm drainage maintenance responsibility from Sacramento County Maintenance District 5B. Generally, those responsibilities entail maintenance of drainage and flood improvements in the District. In 1988, the District adopted Chapter 16 of the District Code detailing rules and responsibilities of the District concerning drainage maintenance. Within Chapter 16 are provisions for the District to assume responsibility for storm drainage water quality.

### **1.1.3 OTHER RANCHO MURIETA BUSINESS ENTITIES**

Several other business entities, both public and private, provide a variety of services to the residents and community at large.

**Rancho Murieta Association** – The Rancho Murieta Association (RMA) is a private homeowners association, representing about 2,300 homes. Separate, smaller homeowners associations representing townhomes are Murieta Townhomes, Inc, and Murieta Villas, Inc. All of these associations embrace the residential community north of the highway.

RMA provides a variety of homeowner and townhome owner services such as maintenance of open space, landscape corridors, parks, private roads and surface drainage. In addition, RMA provides cable TV and broadband internet services. Landscape and architectural approval and compliance is considered one the RMA's primary functions.

**Murieta Village Association** – The Murieta Village Association is a private homeowners association representing about 200 age-restricted mobile homes south of the highway. Like the RMA, it manages traditional residential services in private communities.

**Rancho Murieta Country Club** - The Rancho Murieta Country Club (RMCC) is a private golf club, supporting two 18-hole championship golf courses. The north course, north of the Cosumnes River, meanders throughout the north residential community. The south golf course is across the river and similarly meanders through the south residential community. The RMCC also includes a 50,000 square foot clubhouse, which houses a restaurant and banquet facilities. Outdoor tennis courts are also part of the country club.

**Operating Engineers Training Center** - International Union of Operating Engineers Local No. 3 has operated a training center since the late 1960's. The training center offers both classroom and field training to apprentices and journeyman alike. Most of the training involves earthwork related trades. Recent training additions include the largest crane training program in the western states.

**Murieta Equestrian Center** – The Equestrian Center is a horse event driven facility, comprised of two indoor arenas, three outdoor arenas, 500 plus stabling stalls, a cross country riding course, and cattle facilities, all on about 100 acres. It is home to over 40 events scheduled every year, including horse breed and riding shows, fund raisers, symposiums, and dog agility clinics.

## 1.2 Regulation History

Under the requirements of the Clean Water Act (CWA) of 1972, the District must apply for coverage under the National Pollutant Discharge Elimination System (NPDES) Phase II Permit. In 1972, CWA amendments prohibited discharges of pollutants from point sources and later, 1987 amendments defined stormwater as point sources. Thereafter, EPA promulgated regulations in two phases: Phase I in 1990 and Phase II in 1999. Under Phase I, municipalities with populations of 100,000 or more, which operate Municipal Separate Storm Sewer Systems (MS4s), were required to obtain storm water permits. The Phase II regulations apply to small municipal MS4s (between 10,000 and 100,000 in population) and other designated MS4s, such as the Rancho Murieta CSD.

The State of California has elected to implement the Phase II regulations through the issuance of a statewide general permit (Stormwater Discharges from Small Municipal Storm Sewer Systems General Permit).

Under the statewide general permit, the Central Valley Regional Water Quality Control Board (CVRWQCB) has the power to declare a small MS4 with a population less than 10,000 as a Non-Traditional MS4 if it poses a significant threat to water quality. On March 30, 2005, the CVRWQCB sent the RMCS D a notification letter designating the District as a Non-Traditional Small MS4. This

designation requires RMCS D to obtain coverage under the General Permit to discharge stormwater. The CVRWQCB identified a need for increased oversight of business establishments, construction activities, and industrial sites. Therefore, notification was given by the CVRWQCB to the RMCS D to obtain coverage under the General Permit by September 28, 2005.



### **1.3 Regulatory Requirements**

The requirements of the CWA, the conditions in the General Permit, and the RWQCB enforcement policy implementation comprise the regulatory requirements. The program standards will also be determined by the regulatory requirements. In accordance with the state Phase II General Permit, the “maximum extent practicable” standard will govern the program approach.

The CVRWQB has required that the District apply for coverage under the General Permit, by submitting a Notice of Intent (NOI) to comply with the permit. The District will apply for such coverage under the permit by September 28, 2005. As required by the General Permit, and concurrent with NOI submittal, the District will provide to the CVRWQCB for review, the SWMP.

The permit requires the District to address six Minimum Control Measures and describe the Best Management Practices to be implemented that address the MCMs in the SWMP. The permit requires that measurable goals for each BMP be established within the SWMP. The District, with five years to fully implement the SWMP, must also propose an implementation schedule for each program component.

Adoption of the SWMP by the Rancho Murieta Community Services District is exempt from CEQA under the Porter Cologne Water Quality Control Act.

### **1.4 Program Benefits**

Storm water quality refers to the amount of pollutants that are washed off the land and transferred in storm water runoff to lakes, streams, and wetlands. Concentrations of nutrients, heavy metals, and suspended solids typically found in urban runoff can significantly degrade downstream waterbodies by increasing turbidity, water temperature, and the growth of algae. Toxic substances in some urban runoff, such as trace metals and hydrocarbons, may affect the health and welfare of humans and wildlife that come into contact with these waterbodies. However, a significant portion of storm water pollutants can be effectively removed from runoff through the implementation of a SWMP.

Clean water is a benefit to the entire community, and is necessary to maintain recreational activities, habitat preservation, and community aesthetics, and to protect the value of local waters, such as the Cosumnes River. The SWMP serves to decrease storm water pollutants to the maximum extent practicable, thereby ensuring the continued beneficial uses of the community's waterways. Clean water enhances the quality of life through improved aesthetics and reduced health risks.

## Section 2: Program Overview

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District staff recognize that many individuals, organizations and agencies need to work closely with the District to help ensure full implementation of the SWMP. As part of the SWMP, the District will maintain communications with key decision-makers, cooperating agencies, stakeholders, and impacted audiences through a Storm Water Management Committee (SWMC). Various community members, such as residents, Rancho Murieta Airport representatives, homeowners' associations, community leaders, business owners and business associations, and educational institutions will be included. The District believes that the SWMC process will help highlight the benefits of this program, and define the roles of the multiple responsible parties.

### 2.1 Program Strategy

Many components of the RMCS D SWMP were in place prior to designation by the CVRWQCB. The BMPs that describe implementation of the MCMs were developed and selected with consideration of existing RMCS D activities, and supplementary programs that could be developed over time. Each BMP was selected to reflect compliance with the General Permit requirements and to reflect the MEP standard for the District.

The SWMP describes BMPs already adopted by the CSD, for which the CSD is primarily responsible, BMPs which are currently implemented by cooperating agencies, and BMPs that will require a more long-term strategy and more time to implement.

### 2.2 Program Scope

This program scope is characterized by the MCMs contained in the General Permit. Those MCMs include the following:

- Public education and outreach;
- Public involvement;
- Illicit discharge detection and elimination;
- Construction site storm water runoff control;
- Post-construction storm water management; and
- Pollution Prevention and good housekeeping for municipal operations.

## **2.2.1 MINIMUM CONTROL MEASURES**

### **2.2.1.1 Public Education and Outreach (PO)**

An informed and knowledgeable community is more likely to support and participate in a SWMP and comply with the provisions of the program. The District's Public Education and Outreach MCM will promote, publicize, and facilitate watershed education for the purposes of encouraging the public to reduce discharge of pollutants in storm water to the maximum extent practicable. The program will focus on the following general areas:

- Developing partnerships;
- Distributing educational materials; and
- Reaching diverse audiences.

In addition to existing District programs, the SWMP will draw on resources, programs, and materials available from Phase I Municipalities and other entities. The District will develop a partnership with the County of Sacramento, and utilize public outreach facilities operated by community organizations. The District will take advantage of opportunities to use already available and proven educational materials and strategies. The following outreach strategies and materials will be used by the District and the District's storm water partners: a Storm Water Management Committee, a storm water hotline, webpage and links to partnering websites, quarterly newsletter and inserts in utility bills, various commercial media (TV, radio, billboards, newspaper, etc.), a storm drain stenciling program, participation in community events, and business/industrial/construction workshops and/or materials.

Diverse audiences, such as residents, children, businesses owners, construction professionals, community groups, and District personnel will be targeted. The target audience will be prioritized by relevancy to potential storm water quality improvement.

### **2.2.1.2 Public Involvement (PI)**

The public involvement program allows the District to address the unique location, characteristics, concerns, and opportunities within its program area. The Public Involvement MCM is important because it fosters public acceptance and ownership. Types of activities that establish an effective Public Involvement MCM for the District include the following:

- Public meetings and presentations;
- Stakeholder (industry, watershed, etc.) group communications;

- An interactive website; and
- Storm drain labeling.

This MCM is closely related to the Public Outreach and Education MCM, and similar to the PO MCM, existing programs and material will be utilized by the District and its storm water partners.

### **2.2.1.3 Illicit Discharge Detection and Elimination (IDDE)**

The District's Illicit Discharge Detection and Elimination (IDDE) MCM includes measures to control illicit discharges, prevent improper disposal of wastes, and contain and clean up spills that threaten storm water quality. Typical sources of illicit discharges that the program is designed to control include the following:

- Sanitary wastewater;
- Car wash discharges;
- Improper oil or toxic disposal;
- Radiator flushing;
- Unauthorized industrial discharges; and
- Chemical spills.

Elements included in the IDDE MCM to control these discharges include the following:

- A storm sewer system map;
- A prohibition on non-stormwater discharges;
- Plans to detect and address non-stormwater discharges; and
- Education on illegal discharges and improper disposal.

The MCM differentiates between authorized and unauthorized discharges.

The plan to detect and address non-stormwater discharges will be developed in consideration of the existing District and County programs and the specific needs of the program. In general, however, it will include elements to identify problems, locate sources, take corrective action, and provide documentation.

Due to the size of the community and limited number of likely points of illicit discharges, the District will prioritize certain activities and facilities.

### **2.2.1.4 Construction Site Storm Water Runoff Control (CSSWRC)**

The District will implement and enforce a program to reduce pollutants in stormwater runoff from construction sites greater than one acre. This MCM will

have a high priority given the level of construction activities occurring within the District. The MCM includes elements that provide for the following:

- A regulatory mechanism;
- Review of site/construction plans;
- Site inspection;
- Enforcement;
- Sanctions to ensure compliance; and
- Public information, follow-up, and response.

The District, through its partnership with the County of Sacramento, will coordinate the Public Education and Outreach MCM with education and outreach efforts within the construction community, review plans submitted for permits, and develop a streamlined inspection, enforcement, and documentation strategy.

#### **2.2.1.5 Post-Construction Storm Water Management (PCSWM)**

The District includes, as part of the overall program, a New Development and Redevelopment MCM for post-construction storm water quality controls. The MCM includes post-construction BMPs required by the County of Sacramento, in accordance with the *City and County of Sacramento Guidance Manual for On-site Stormwater Quality Control Measures* (2001). This MCM will be further developed as the Guidance Manual is updated and amended by the County. In addition, the District maintains the ability to place conditions of approval on new projects to ensure compliance with the District's SWMP. In general, the MCM elements will provide for the following:

- A regulatory mechanism;
- Structural and non-structural control strategies; and
- Long-term operation and maintenance of controls.

Non-structural BMPs will include those required in the Guidance Manual in addition to those required through the District SWMP. Development of structural BMPs will include consideration of storage strategies, infiltration practices, soil conditions, and vegetative features. The District will serve as the operator of many of the required structural controls, and as such, will hold easements and follow operations and management plans to ensure the long-term maintenance of the facilities.

### **2.2.1.6 Pollution Prevention and Good Housekeeping for Municipal Operations (GH)**

The District and its community storm water partners will implement programs with the goal of preventing or reducing pollutant from District-related operations. The program will include staff training and the implementation of Standard Operating Procedures (SOPs). The MCMs include the following:

- Adoption of operation and maintenance programs and Standard Operating Procedures designed to reduced pollutants in stormwater runoff;
- Adoption of the County Integrated Pest Management (IPM) Policy;
- A District operations source-control program; and
- Provisions for employee training on pollution prevention and good housekeeping.

The program further develops these elements as facility activities are identified and includes appropriate controls to address the specific needs and characteristics of the District's operations.

The SOPs will provide BMPs that can be implemented within the District and District storm water partners' facilities to reduce pollutants in stormwater. The SOPs will be updated as BMPs change or improve.

### **2.2.2 MONITORING AND REPORTING**

The SWMP includes the District's Monitoring and Reporting Program (MRP). The MRP is designed to comply with the requirements of the Non-Traditional Small MS4 General Permit. The monitoring program will provide data to assist in measuring program implementation, and will allow for targeted development of the SWMP.

## Section 3: Program Description

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### 3.1 Public Education and Outreach (PO)

#### 3.1.1 DESCRIPTION

The “public” includes all persons who potentially could affect the quality of storm water discharges, including but not limited to, residents, visitors to the area, businesses, commercial operations, and construction personnel. The goal of the Public Outreach and Education Program is to provide the public with information on the impacts of stormwater discharges on water bodies and provide ways that the public can become involved in the reduction of pollutants in stormwater runoff. The general public education and outreach program will be developed in two phases: first, by utilizing existing outreach programs and mediums; and second, by expanding the outreach based on the development of a long-range strategy.

#### 3.1.2 BEST MANAGEMENT PRACTICES

##### **PO-1 Early Implementation**

An Early Implementation program identifies existing elements of the District’s storm water quality outreach program and builds on the District’s existing outreach activities by adding stormwater messages to those efforts. The RMCS D currently operates a webpage which contains information related to the District’s storm water program and includes contact information for individuals responsible for implementing the program. The webpage will be updated following the approval of the SWMP. A link will be placed on the Sacramento County website to the RMCS D webpage. Information regarding storm water pollution will be included in the District’s existing quarterly newsletter, “The Pipeline,” and inserts included with the utility bills. Educational materials will be made available to citizens at relevant RMCS D and storm water partner offices and during community events, and storm drain stencils will educate the public about illicit discharges.

##### **PO-2 Strategic Program**

Coordination with other existing public information programs is an essential element in any public education plan. Recognizing that additional efforts could be duplicative of the Sacramento outreach program, be targeted to the wrong audience, and/or utilize an ineffective medium and thus be an inefficient use of District funds, the District will develop a long-range, strategic outreach program.

The District will expand on its partnerships within and adjacent to the community and utilize previously developed materials whenever possible. Specifically, a partnership with the Sacramento Stormwater Management Program (SSMP) will be developed through a memorandum of understanding (MOU) to include resource sharing of public outreach and education efforts. The Strategic Program will also address the need for targeted outreach, such as that toward business owners, home owners' associations, citizens, etc.

The District will establish a Storm Water Management Committee (SWMC) to provide suggestions and comments on the SWMP. The SWMC will meet once per year and initially include representatives from the District, Rancho Murieta Country Club, Rancho Murieta Association, Murieta Village Association, Operating Engineers Training Center, Murieta Equestrian Center, and Rancho Murieta Airport.

### **PO-3 Construction, New Development, and Redevelopment Outreach**

Outreach to the construction industry will be expanded through the MOU with the SSMP. This BMP is intended to provide information to contractors, project designers, developers, and other interested parties during development of the SWMP programs, as well as provide technical assistance related to program and permit requirements.



### **3.1.3 PUBLIC EDUCATION AND OUTREACH FACT SHEETS**

## Public Education and Outreach (PO)

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**Description:** The Public Education and Outreach MCM includes outreach activities related to urban runoff and the steps that the public can take to reduce pollutants. It includes early implementation activities, a long-term strategic outreach program, and outreach to those affected by the Construction Site Runoff Control, New Development and Redevelopment, and Illicit Discharge Detection and Elimination Programs.

### PO Best Management Practices

<p><b>1. Early Implementation Program</b> Add stormwater information to existing outreach programs, and provide information through existing mediums.</p> <p><b>2. Strategic Outreach Program</b> Develop new, targeted efforts for outreach based on partnering with SSMP and community organizations.</p>	<p><b>3. Construction, New Development, and Redevelopment Outreach</b> Conduct outreach to construction professionals and other interested parties regarding required Construction Site Runoff Controls and New Development/Redevelopment programs. Provide training to District staff and construction professionals on adopted program.</p>																														
<b><u>BMP</u></b>	<b><u>Implementing Entity</u></b>																														
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 50%;"><b><u>Lead</u></b></td> <td style="text-align: center; width: 50%;"><b><u>Cooperating</u></b></td> </tr> <tr> <td style="text-align: center;">RMCS D</td> <td style="text-align: center;">SSMP</td> </tr> <tr> <td style="text-align: center;">RMCS D</td> <td style="text-align: center;">SSMP</td> </tr> <tr> <td style="text-align: center;">RMCS D</td> <td style="text-align: center;">SSMP</td> </tr> </table>	<b><u>Lead</u></b>	<b><u>Cooperating</u></b>	RMCS D	SSMP	RMCS D	SSMP	RMCS D	SSMP																						
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<p><b>PO-1</b> <b>Early Implementation Program</b></p>							
<p><b><u>Detailed Description:</u></b>          Include stormwater information in appropriate existing outreach programs:          a. Include articles on stormwater impacts and new Phase II program in "The Pipeline" quarterly newsletter;          b. Make educational materials available to citizens at relevant CSD offices, community facilities, and during events;          c. Continue operating District web page. Update webpage following SWMP approval and add link to site from Sacramento Storm Water website; and          d. Continue requiring storm drain labeling for all new development projects through Construction Standards for new development.          e. Continue operating storm water telephone line, answered by RMCS D staff, where citizens can report suspected violations.          f. Inserts in monthly utility bills.</p>	<p><b><u>Goal:</u></b>          Distribute information efficiently and cost-effectively using existing programs.</p>						
	<p><b><u>Implementing Entities:</u></b>          RMCS D and SSMP</p>						
	<p><b><u>Dependencies/Coordination:</u></b>          No other BMPs must be developed in order for PO-1 to be implemented. This BMP will be modified once PO-2 (Strategic Outreach Program) is completed.</p>						
<p><b><u>Measurable Goals</u></b></p> <table border="0"> <thead> <tr> <th><b><u>Milestones</u></b></th> <th><b><u>Ongoing</u></b></th> </tr> </thead> <tbody> <tr> <td>1. New stormwater content</td> <td>1. 100% new storm drains labeled</td> </tr> <tr> <td>2. Updated webpage</td> <td>2. New articles in utilities newsletter</td> </tr> </tbody> </table>	<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>	1. New stormwater content	1. 100% new storm drains labeled	2. Updated webpage	2. New articles in utilities newsletter	<p><b><u>Implementation:</u></b>          1. Develop new stormwater outreach materials and disseminate existing materials.          2. Update storm water content on website.          3. Require stamping of new storm drains.          4. Respond to "hotline" reports within two business days.</p>
<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>						
1. New stormwater content	1. 100% new storm drains labeled						
2. Updated webpage	2. New articles in utilities newsletter						

**PO-2  
Strategic Outreach Program**

**Detailed Description:**

Develop a focused, strategic program to educate the community on the impacts of stormwater and the steps people can take to reduce pollutants in stormwater. The program includes the following:

- a. Enter into memorandum of understanding (MOU) with Sacramento County for resource sharing;
- b. Establish RMCS D Storm Water Management Committee (SWMC) and mission statement. Implement appropriate committee suggestions;
- c. Through partnership with SSMP, conduct citizen outreach using media and materials (e.g., TV, and radio commercials, billboards, newspaper advertisements;
- d. Identifying priority list of businesses to target (e.g., auto shops, restaurants) and specific messages and appropriate mediums to reach those audiences; and
- e. Identify groups that could implement a citizen’s storm drain stenciling program.
- f. Updating the PO program to reflect the activities identified under b. and d.

**Goal:**

Develop a cost-effective outreach program that utilizes “piggybacking” and partnering to the greatest degree possible, supplemented by the expansion of existing RMCS D programs.

**Implementing Entities:**

RMCS D and SSMP

**Dependencies/Coordination:**

No other BMPs must be developed in order for PO-2 to be implemented. PO-1 will be modified once this program is completed.

**Implementation:**

- 1. Investigate potential expansion of partnership with Sacramento County and community organizations.
- 2. Adopt a strategy that identifies key messages, target audiences, and mediums.
- 5. Update SWMP PO program.

**Measurable Goals**

**Milestones**

- 1. Scoping meeting with adjacent jurisdictions.
- 2. SWMC meeting.
- 3. Target priority list.
- 4. Updated SWMP PO program.

**Ongoing**

- 1. Follow-up meetings with adjacent jurisdictions;
- 2. Outreach activities to be specified in strategy; measurable goals to be included in SWMP update.

<p><b>PO-3</b>  <b>Construction, New Development, and Redevelopment Outreach</b></p>			
<p><b><u>Detailed Description:</u></b>  a. Develop a list of priority developers/builders in the community that should receive information on educational programs. Provide information on training opportunities;  b. Participate in annual training workshops for construction industry professionals on the storm water regulations and updated Construction Standards and Improvement Standards. Sacramento County Public Works –Engineering Division will take the lead for training construction professionals;  c. Provide technical assistance to these parties to assist in complying with requirements of adopted programs.</p>	<p><b><u>Goal:</u></b>  Incorporate contractors, project designers, developers and other interested parties in Construction Site Storm Water Runoff Control (CSSWRC) and Post-Construction (PCSWM) program development.</p>		
	<p><b><u>Implementing Entities:</u></b>  RMCS and SSMP</p>		
	<p><b><u>Dependencies/Coordination:</u></b>  No other BMPs must be developed in order for PO-2 to be implemented. PO-1 will be modified once this program is completed.</p>		
<p><b><u>Measurable Goals</u></b></p> <table border="0"> <tr> <td style="vertical-align: top;"> <p><b><u>Milestones</u></b>  1. Information provided to targeted developers/builders.  2. District participation in SSMP training program.</p> </td> <td style="vertical-align: top;"> <p><b><u>Ongoing</u></b>  1. Participate in annual training workshops.  2. Conduct annual CSSWRC training workshop once program development is complete.</p> </td> </tr> </table>	<p><b><u>Milestones</u></b>  1. Information provided to targeted developers/builders.  2. District participation in SSMP training program.</p>	<p><b><u>Ongoing</u></b>  1. Participate in annual training workshops.  2. Conduct annual CSSWRC training workshop once program development is complete.</p>	<p><b><u>Implementation:</u></b>  1. Develop list of interested parties for training programs.  2. Post notices of workshops on website and mail/email notice to interested parties list.  3. Participate in SSMP training program.  4. Provide technical assistance through construction inspection program.</p>
<p><b><u>Milestones</u></b>  1. Information provided to targeted developers/builders.  2. District participation in SSMP training program.</p>	<p><b><u>Ongoing</u></b>  1. Participate in annual training workshops.  2. Conduct annual CSSWRC training workshop once program development is complete.</p>		

## **3.2 Public Involvement (PI)**

### **3.2.1 DESCRIPTION**

The Public Involvement Program is intended to engage the community of Rancho Murieta in storm water management. The District will use a variety of approaches to include the community in the development and implementation of its program, including a storm water website, a Storm Water Management Committee, and a storm drain labeling program.

### **3.2.2 BEST MANAGEMENT PRACTICES**

#### **PI-1 RMCS D Storm Water Management Committee**

The District will establish the Rancho Murieta Storm Water Management Committee (SWMC) by March of 2006. The SWMC will develop a mission statement, review the SWMP, and develop a list of recommendations for furthering the goals of the program. The SWMC will meet once per year and initially include representatives from the District, Rancho Murieta Country Club, Rancho Murieta Association, Murieta Village Association, Operating Engineers Training Center, Murieta Equestrian Center, and Rancho Murieta Airport. The District will implement appropriate committee suggestions.

#### **PI-2 Stormwater Webpage and Hotline**

The District currently operates a *drainage and storm water quality* page on the District's website. The webpage offers contact information for individuals responsible for implementing the SWMP. The District will place a link to the District's storm water webpage on the Sacramento Stormwater Management Program (SSWP) website to further solicit public involvement in the program. RMCS D will continue operating an existing phone line where citizens can report suspected violations. The stormwater website will contain the hotline number as well as email link to report illicit discharges. This will enable the RMCS D to track and follow-up on complaints.

#### **PI-3 Watershed Management Groups**

The District will identify and informally contact local watershed groups and environmental entities that may wish to participate in the SWMP. The District will ascertain the level of interest in such groups and identify appropriate mechanisms for their participation.

#### **PI-4 Storm Drain Stenciling**

The District will label or stencil storm drains in areas of existing development using community groups, thus providing an opportunity for Rancho Murieta citizens to assist in public outreach on illicit discharge. The District will identify and contact groups that could implement a citizen's storm drain stenciling program. A link will be provided on RMCS D's webpage to information on Sacramento County's Paint-A-Drain Campaign and the Splash Program for kids and schools listed on the county's stormwater webpage.

### 3.2.3 PUBLIC INVOLVEMENT FACT SHEETS



## Public Involvement (PI)

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**Description:** The Public Involvement Program is intended to engage the community of Rancho Murieta in storm water management. The District will use a variety of approaches to include the community in the development and implementation of its program, including a storm water website, a Storm Water Management Committee, and a storm drain labeling program.

### PI BEST MANAGEMENT PRACTICES

<p><b>1. RMCS D Storm Water Management Committee</b> Establish RMCS D Storm Water Management Committee and mission statement. Meet once per year. Implement appropriate committee suggestions.</p>	<p><b>3. Watershed Management Groups</b> Identify and informally contact local WMGs and identify appropriate mechanisms for their participation.</p>
<p><b>2. Stormwater Webpage and Hotline</b> Continue operating the District's website with contact information for individuals responsible for implementing the SWMP. Continue to provide and operate a Storm Drain Hotline available to the public to report illicit discharges.</p>	<p><b>4. Storm Drain Stenciling</b> Identify and contact groups that could implement a citizen's storm drain stenciling program. Provided a link on RMCS D's webpage to information on Sacramento County's Paint-A-Drain Campaign and the Splash Program.</p>

<u>BMP</u>	<u>Implementing Departments</u>	
	<u>Lead</u>	<u>Cooperating</u>
1. Storm Water Management Committee 2. Storm water web page and hotline 3. WMG Participation 4. Storm Drain Stenciling	RMCS D RMCS D RMCS D RMCS D	SSMP SSMP

#### **FIVE YEAR IMPLEMENTATION SCHEDULE**

Public Involvement/Participation	2008/09	2009/10	2010/11	2011/12	2012/13
PI-1 Storm Water Management Committee					
PI-2 Storm water Webpage/Hotline					
PI-3 Watershed Management Groups					
PI-4 Storm Drain Stenciling					
Full Implementation					

<b>PI-1</b> <b>RMCS D Storm Water Management Committee</b>							
<p><b><u>Detailed Description:</u></b>  The District will develop a Rancho Murieta Storm Water Management Committee which shall:</p> <ol style="list-style-type: none"> <li>Meet once per year;</li> <li>Establish mission statement;</li> <li>Provide recommendation and comments to the District.</li> </ol> <p>The District will be responsible for:</p> <ol style="list-style-type: none"> <li>Implementation of appropriate committee suggestions.</li> </ol>	<p><b><u>Goal:</u></b>  Involve the community through the development of a Storm Water Management Committee.</p>						
	<p><b><u>Implementing Entities:</u></b>  RMCS D</p>						
	<p><b><u>Dependencies/Coordination:</u></b>  No other BMP is necessary for implementation of PI-1.</p>						
	<p><b><u>Implementation:</u></b></p> <ol style="list-style-type: none"> <li>Send notice of committee establishment to selected committee members.</li> <li>Set a meeting schedule</li> </ol>						
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table border="0"> <thead> <tr> <th style="text-align: left;"><b><u>Milestones</u></b></th> <th style="text-align: left;"><b><u>Ongoing</u></b></th> </tr> </thead> <tbody> <tr> <td>1. Hold a SWMC meeting.</td> <td>1. Meet once per year</td> </tr> <tr> <td>2. Establish a mission statement.</td> <td>2. Implement appropriate committee suggestions.</td> </tr> </tbody> </table>		<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>	1. Hold a SWMC meeting.	1. Meet once per year	2. Establish a mission statement.	2. Implement appropriate committee suggestions.
<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>						
1. Hold a SWMC meeting.	1. Meet once per year						
2. Establish a mission statement.	2. Implement appropriate committee suggestions.						

<p><b>PI-2</b>  <b>Stormwater Webpage and Hotline</b></p>					
<p><b><u>Detailed Description:</u></b>  Operate RMCS D Stormwater webpage in order to perform the following:</p> <ol style="list-style-type: none"> <li>a. Post information on program development and ongoing implementation;</li> <li>b. Provide for submittal of e-mails concerning an aspect of the program, including reporting suspected violations of the City's regulatory storm water programs; and</li> <li>c. Provide technical assistance for compliance with the programs.</li> </ol> <p>Also:</p> <ol style="list-style-type: none"> <li>d. Place link on Sacramento Stormwater Management Program (SSMP) web site to the RMCS D website;</li> <li>e. Operate a Storm Drain Hotline available to the public to report illicit discharges;</li> <li>f. Respond to complaints within two business days; and</li> <li>g. Track reports of violations and follow-up actions.</li> </ol>	<p><b><u>Goal:</u></b>  Provide information to the public and opportunities to comment on program development and implementation and a means to report illicit discharges.</p>				
	<p><b><u>Implementing Entities:</u></b>  RMCS D and SSMP</p>				
	<p><b><u>Dependencies/Coordination:</u></b>  PI-2 can be established immediately for program information and public reporting. Technical assistance materials will be posted as they are developed.</p>				
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table border="0"> <tr> <td style="text-align: center;"><b><u>Milestones</u></b></td> <td style="text-align: center;"><b><u>Ongoing</u></b></td> </tr> <tr> <td> <ol style="list-style-type: none"> <li>1. Updated webpage</li> <li>2. Tracking report</li> </ol> </td> <td> <ol style="list-style-type: none"> <li>1. Website updated two times per year or as needed</li> <li>2. Track and respond to reports of violations.</li> </ol> </td> </tr> </table>	<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>	<ol style="list-style-type: none"> <li>1. Updated webpage</li> <li>2. Tracking report</li> </ol>	<ol style="list-style-type: none"> <li>1. Website updated two times per year or as needed</li> <li>2. Track and respond to reports of violations.</li> </ol>	<p><b><u>Implementation:</u></b></p> <ol style="list-style-type: none"> <li>1. Update webpage following approval of SWMP.</li> <li>2. Track and respond to reports of violations and illicit discharges.</li> </ol>
<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>				
<ol style="list-style-type: none"> <li>1. Updated webpage</li> <li>2. Tracking report</li> </ol>	<ol style="list-style-type: none"> <li>1. Website updated two times per year or as needed</li> <li>2. Track and respond to reports of violations.</li> </ol>				

<b>PI-3</b> <b>Watershed Management Groups</b>					
<u><b>Detailed Description:</b></u> a. Identify local watershed groups and environmental entities that may wish to participate in the SWMP; b. Informally contact local WMGs and invite them to review the SWMP; c. Ascertain the level of interest in local WMGs and other environmental groups; and e. Identify appropriate mechanisms for participation of WMGs and other entities expressing an interest in participation.	<u><b>Goal:</b></u> Identify level of interest in SWMP in existing local watershed and environmental organizations.				
	<u><b>Implementing Entities:</b></u>  RMCS D				
	<u><b>Dependencies/Coordination:</b></u> No other BMP is necessary for implementation of PI-3.				
	<u><b>Implementation:</b></u> 1. Identify and contact watershed/environmental groups. 2. Provide access to SWMP to interested parties.				
<p style="text-align: center;"><u><b>Measurable Goals</b></u></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"><u><b>Milestones</b></u></td> <td style="width: 50%; text-align: center;"><u><b>Ongoing</b></u></td> </tr> <tr> <td>1. Contact of identified local WMGs.</td> <td>1. Participation of local WMGs.</td> </tr> </table>		<u><b>Milestones</b></u>	<u><b>Ongoing</b></u>	1. Contact of identified local WMGs.	1. Participation of local WMGs.
<u><b>Milestones</b></u>	<u><b>Ongoing</b></u>				
1. Contact of identified local WMGs.	1. Participation of local WMGs.				

<p><b>PI-4</b> <b>Storm Drain Stenciling</b></p>			
<p><b><u>Detailed Description:</u></b> The RMCS D will:</p> <ol style="list-style-type: none"> <li>a. Identify and contact local groups that could implement a citizen’s storm drain stenciling program;</li> <li>b. Facilitate labeling or stenciling of storm drains in areas of existing development using community groups, thus providing an opportunity for Rancho Murieta citizens to assist in public outreach on illicit discharge;</li> <li>c. Coordinate with, and participate in, Sacramento County programs such as the Paint-A-Drain Campaign designed to promote public involvement in storm drain pollution awareness and the Splash Program for kids and schools, which provides educational curricula and assistance to teach about local waterways ecosystems. A link will be provided on RMCS D’s webpage to information on Sacramento County’s Programs.</li> </ol>	<p><b><u>Goal:</u></b> Provide an opportunity for Rancho Murieta citizens to assist in public outreach efforts related to storm water pollution prevention.</p>		
	<p><b><u>Implementing Entities:</u></b>  RMCS D and SSMP</p>		
	<p><b><u>Dependencies/Coordination:</u></b> PI-4 can be established immediately for RMCS D directed elements. Participation in Sacramento’s program may require completion of the MOU with the County of Sacramento.</p>		
<p><b><u>Measurable Goals</u></b></p> <table border="0"> <tr> <td style="vertical-align: top;"> <p><b><u>Milestones</u></b></p> <ol style="list-style-type: none"> <li>1. Citizen stenciling events.</li> </ol> </td> <td style="vertical-align: top;"> <p><b><u>Ongoing</u></b></p> <ol style="list-style-type: none"> <li>1. Stenciling to continue until all existing drains have been labeled.</li> <li>2. Webpage updated quarterly.</li> </ol> </td> </tr> </table>	<p><b><u>Milestones</u></b></p> <ol style="list-style-type: none"> <li>1. Citizen stenciling events.</li> </ol>	<p><b><u>Ongoing</u></b></p> <ol style="list-style-type: none"> <li>1. Stenciling to continue until all existing drains have been labeled.</li> <li>2. Webpage updated quarterly.</li> </ol>	<p><b><u>Implementation:</u></b></p> <ol style="list-style-type: none"> <li>1. Contact local groups requesting participation in stenciling program.</li> <li>2. Provide resources to facilitate stenciling.</li> <li>3. Coordinate RMCS D program efforts with County.</li> <li>4. Establish link to County website.</li> </ol>
<p><b><u>Milestones</u></b></p> <ol style="list-style-type: none"> <li>1. Citizen stenciling events.</li> </ol>	<p><b><u>Ongoing</u></b></p> <ol style="list-style-type: none"> <li>1. Stenciling to continue until all existing drains have been labeled.</li> <li>2. Webpage updated quarterly.</li> </ol>		

### **3.3 Illicit Discharge Detection and Elimination (IDDE)**

#### **3.3.1 DESCRIPTION**

The Illicit Discharge Detection and Elimination (IDDE) MCM is intended to identify and eliminate illicit, or unapproved, discharges and connections to the District's storm sewer system that are not composed entirely of stormwater, except for discharges allowed under the National Pollutant Elimination System (NPDES) permit, fire fighter flows, or authorized non-stormwater discharges. The following categories of non-stormwater discharges are not significant contributors of pollutants to the District's Non-Traditional Small MS4:

- water line flushing;
- minor landscape irrigation, including such discharges comprised of uncontaminated ground water, potable water, recycled or reclaimed water, or any combination thereof;
- diverted stream flows;
- rising ground waters;
- uncontaminated ground water infiltration (as defined at 40 CFR § 35.2005(20)) to separate storm sewers;
- uncontaminated pumped ground water;
- discharges from potable water sources;
- foundation drains;
- air conditioning condensation;
- irrigation water, including such discharges comprised of uncontaminated ground water, potable water, recycled or reclaimed water, or any combination thereof;
- springs;
- water from crawl space pumps;
- footing drains;

- lawn watering;
- individual residential car washing;
- flows from riparian habitats and wetlands; and
- dechlorinated swimming pool discharges.

An example of an illicit discharge is the connection of a septic sewer pipe to a storm drainage pipe or the improper disposal from a recreational practice. Intentional or accidental spills of wastes or stored materials, such as used oil or pesticides become illicit discharges when the spilled materials come into contact with storm water and runoff into the storm drainage system. These types of materials can be carried into local waterways.

An illicit connection is defined as a man-made conveyance that is connected directly to the storm drain system without a permit and through which non-stormwater flows are discharged. Illicit connections may be intentional or unknown.

### **3.3.2 BEST MANAGEMENT PRACTICES**

#### **IDDE-1 Storm Sewer System Map**

The RMCS D storm sewer system map will provide detailed location information to District personnel implementing aspects of the IDDE program. The map will include the location of outfalls within and adjacent to the District system, the names and locations of waters of the U.S. that receive discharges from the outfalls, and the watershed area served by each outfall.

Mapping of the storm sewer system and outfalls that receive, or discharge, to waters of the U.S. will be an ongoing component of the program. As new developments are constructed, and as part of the as-built process, the storm sewer map will be updated.

#### **IDDE-2 Illicit Discharge Ordinance**

The District will use the existing storm water ordinance (District Code, Chapter 16) to address the regulatory programs required under Phase II of the NPDES Stormwater Program, including Illicit Discharges. The existing Rancho Murieta Storm Water Ordinance, states that it is unlawful to discharge any illicit waste, discharge, or garbage into any storm drain. The District coordinates with the Fire Department to respond to unauthorized discharges, spills, and connections.

The existing Stormwater Ordinance effectively prohibits non-stormwater discharges into the District's storm sewer system by prohibiting discharges to storm drains other than stormwater or authorized non-stormwater, and allowing for right-of-access for inspections and monitoring of facilities suspected of illicit discharges and/or connections.

The RMCS D may amend the existing Stormwater Ordinance as needed to reflect the approval of the SWMP.

### **IDDE-3 Illicit/Non-Stormwater Discharge Detection**

The District's illicit detection and enforcement activities will be targeted toward commercial and industrial facilities, businesses, residential, construction sites, and municipal facilities. The goal is to detect illicit/non-stormwater discharges through a range of activities by District personnel. Through education and access to SWMP contacts, the public will be encouraged to assist the District in identifying potential illicit discharges.

The District program will include several methods with which to monitor illicit connections and non-stormwater discharges. These will include industrial inspections, spill response programs, citizen reporting, site plan or building plan review, specific training related to discharge monitoring, dry weather monitoring, and septic programs.

**Industrial inspection:** The District will expand the existing storm water inspection program to include inspections aimed at detecting illicit discharges and/or connections. The District will develop a list of priority sites, which will be inspected at least annually. Other non-priority or "low risk" sites will be inspected periodically.

**Spill response:** The District will coordinate existing response programs with the storm water program to monitor the location, frequency, and number of spills.

**Citizen reporting:** The District website and storm water hotline enables citizens to report observed illicit discharges and connections, as well as any non-stormwater discharges and odors.

**Site Plan/Building Plan Review:** The District will review plans to detect any potential illicit connections.



**Train District Personnel to Observe and Report:** The District will provide training for field personnel to recognize illicit discharges/connections when performing normal duties in the field.

**Assess Dry Weather Flows:** The District will develop a dry-weather screening program, which will include the visual and/or chemical monitoring of outfalls within the service area. Screening locations will be identified during the development of the storm sewer system map. The District will conduct dry-weather screening on an annual basis.

**Septic Program:** Coordinate with Sacramento County any programs associated with septic programs.

District personnel may conduct interviews or collect samples and test suspect discharges during site inspections. If the discharged substance appears to be generated from a particular facility or activity, the District may require the facility or property owner to collect and analyze samples of the discharged material. Record keeping and documentation of the detection program will be conducted by the District.

District staff will be provided guidance with respect to making qualified decisions related to potential discharges. The Illicit Discharge Detection and Elimination Program will include escalating levels of enforcement actions to be taken by the District. These include: warning letter, Notice of Violation, Cease and Desist Order, administrative fines, and possible referral to the District Attorney.

#### **IDDE-4 Household Hazardous Waste Program**

In order to educate the public on proper household hazardous waste procedures, information on the disposal program will be included in "The Pipeline," the RMCS D quarterly newsletter sent to residents, and in inserts in utility bills. The program will provide information for the public to properly dispose of hazardous household materials in a designated Sacramento County facility. RMCS D staff will coordinate with Sacramento County regarding information to be printed in the quarterly newsletter.

#### **IDDE-5 Public Reporting**

To increase public awareness and education and provide a means for public reporting of illicit discharges and connections, the District maintains a stormwater webpage and hotline. The webpage will be updated to include information on recognizing and reporting an illicit discharge. District staff will respond to reports within two business days. Complaints that are registered

through the website and hotline will be logged and tracked, along with the response time and the results of the inspection.

### **IDDE-6 Industrial Program**

Through the use of SIC codes, the District will identify industries operating within the service area that will likely require coverage under the NPDES General Permit for Industrial Facilities. These establishments will be considered in the development of the inspection priority list, and may be identified on the storm sewer system map. Facilities requiring coverage under the Industrial Permit will be informed of the requirement to seek coverage and develop a Storm Water Pollution Prevention Plan (SWPPP). The facilities will be inspected by District personnel to ensure compliance with provisions of the Permit and the facilities' SWPPP, and to identify potential illicit discharges. The District will produce inspection reports and document any enforcement actions.

### **IDDE-7 Pollution Prevention at Non-Industrial Facilities**

Pollution prevention programs will be implemented by additional non-industrial entities identified by the District as having activities or facilities from which non-stormwater discharges may occur. The District has entered into partnerships with Rancho Murieta entities responsible for such activities and facilities. Evaluation of storm water partner facilities, and determination of the extent and nature of BMPs required for the facilities, will be conducted as part of the SWMP.

### **3.3.3 ILLICIT DISCHARGE DETECTION AND ELIMINATION FACT SHEETS**

# Illicit Discharge Detection and Elimination (IDDE)

---

**Description:** The Illicit Discharge Detection and Elimination (IDDE) MCM is intended to identify and eliminate illicit, or unapproved, discharges and connections to the District's storm sewer system that are not composed entirely of stormwater, except for charges allowed under the National Pollutant Elimination System (NPDES) permit, authorized non-stormwater discharges, or fire fighter flows.

## **IDDE BEST MANAGEMENT PRACTICES**

### **1. Storm sewer system map**

Map detailed location information for outfalls within and adjacent to the District system, the names and locations of waters of the U.S. that receive discharges from the outfalls, and the watershed area served by each outfall.

### **2. Illicit discharge ordinance**

Implement existing Storm Water Ordinance. Update as necessary.

### **3. Illicit/non-stormwater discharge detection**

Adopt several program elements with which to monitor illicit connections and non-stormwater discharges. These will include industrial inspections, spill response programs, citizen reporting, site plan or building plan review, specific training related to discharge monitoring, dry weather monitoring, and septic programs.

### **4. Household hazardous waste program**

Provide information to the public regarding proper disposal of hazardous household materials in a designated Sacramento County facility. Coordinate with Sacramento County regarding information to be printed in the District's quarterly newsletter.

### **5. Public reporting**

Increase public awareness and education, and provide a means for public reporting of illicit discharges and connections, through the District stormwater webpage and hotline. Respond to public reports within two business days.

### **6. Industrial Program**

Identify industries requiring coverage under the NPDES General Permit for Industrial Facilities. Informed the facilities of the requirement to seek coverage under the permit and develop a Storm Water Pollution Prevention Plan (SWPPP). Conduct inspections of the facilities to detect potential illicit discharges.

### **7. Pollution Prevention at Non-Industrial Facilities**

The District will require SOPs at targeted storm water partner facilities.

<b>BMP</b>	<b>Implementing Entities</b>	
	<b>Lead</b>	<b>Cooperating</b>
1. Storm sewer system map	RMCS D	Sacramento Dept of Public Works
2. Illicit discharge ordinance	RMCS D	
3. Illicit/non-stormwater discharge detection	RMCS D	
4. Household hazardous waste program	RMCS D	SSMP
5. Public reporting	RMCS D	SSMP
6. Industrial Program	RMCS D	
7. Pollution Prevention at Non-Industrial Facilities	RMCS D	Multiple community entities

**FIVE YEAR IMPLEMENTATION SCHEDULE**

Public Involvement/Participation	2008/09	2009/10	2010/11	2011/12	2012/13
IDDE-1 Storm sewer system map					
IDDE-2 Illicit discharge ordinance					
IDDE-3 Illicit/non-stormwater discharge detection					
IDDE-4 Household hazardous waste program					
IDDE-5 Public reporting					
IDDE-6 Industrial program					
IDDE-7 Pollution Prevention at Non-Industrial Facilities					
Full Implementation					

**IDDE-1  
Storm Sewer System Map**

**Detailed Description:**

The District will use existing mapping data, data provided by the County of Sacramento, and information collected in the field to develop a storm sewer system map. The District will:

- a. Map the location of outfalls within and adjacent to the District system;
- b. Identify the names and locations of waters of the U.S. that receive discharges from the outfalls; and
- c. Identify the watershed area served by each outfall.
- d. Modify the map as an ongoing component of the program, and as new developments are constructed.

**Goal:**

Prepare a map that can be used in finding the sources of illicit discharges and unauthorized connections.

**Implementing Entities:**

RMCS D will perform stormwater system mapping. Assistance will be provided by Sacramento County – Public Works.

**Dependencies/Coordination:**

No other BMPs must be developed in order for IDDE-1 to be implemented.

**Implementation:**

- 1. Coordinate mapping efforts with Sacramento County – Public Works.

**Measurable Goals**

**Milestones**

- 1. Compile storm water system map.

**Ongoing**

- 1. Update map as new system components are added.

<b>IDDE-2</b> <b>Illicit Discharge Ordinance</b>					
<p><b><u>Detailed Description:</u></b>  Through implementation of the existing Stormwater Ordinance the District will:</p> <ol style="list-style-type: none"> <li>a. Coordinate with the Fire Department to respond to unauthorized discharges, spills, and connections;</li> <li>b. Prohibit non-stormwater discharges into the District's storm sewer system by prohibiting discharges to storm drains other than stormwater or authorized non-stormwater; and</li> <li>c. Obtain right-of-access for inspections and monitoring of facilities suspected of illicit discharges and/or connections.</li> </ol>	<p><b><u>Goal:</u></b>  Effectively prohibit, through ordinance illicit discharges and non-stormwater discharges.</p>				
	<p><b><u>Implementing Entities:</u></b>  RMCS D developed the ordinance. The Rancho Murieta Fire Department responds to calls.</p>				
	<p><b><u>Dependencies/Coordination:</u></b>  No other BMPs must be developed in order for IDDE-2 to be implemented.</p>				
	<p><b><u>Implementation:</u></b></p>				
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><b><u>Milestones</u></b></td> <td style="width: 50%; border: none;"><b><u>Ongoing</u></b></td> </tr> <tr> <td style="border: none;">1. Ordinance implemented.</td> <td style="border: none;">1. Amend ordinance as necessary to meet the goals of the SWMP.</td> </tr> </table>		<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>	1. Ordinance implemented.	1. Amend ordinance as necessary to meet the goals of the SWMP.
<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>				
1. Ordinance implemented.	1. Amend ordinance as necessary to meet the goals of the SWMP.				

**IDDE-3**

**Illicit/Non-Stormwater Discharge Detection**

**Detailed Description:**

The District will adopt several program elements with which to monitor and respond to illicit discharges, which will include the following:

- a. Expand the existing storm water inspection program to include inspections aimed at detecting illicit discharges and/or connections. The District will develop a list of priority sites, which will be inspected at least annually. Other non-priority or "low risk" sites will be inspected periodically;
- b. Coordinate existing spill response programs with the storm water program to monitor the location, frequency, and number of spills;
- c. Enable citizens to report observed illicit discharges and connections, as well as any non-stormwater discharges and odors, through the District website and storm water hotline;
- d. Review plans to detect any potential illicit connections;
- e. Provide training for field personnel to recognize illicit discharges/connections when performing normal duties in the field;
- f. Develop a dry-weather screening program, which will include the visual and/or chemical monitoring of outfalls within the service area. Screening locations will be identified during the development of the storm sewer system map. The District will conduct dry-weather screening on an annual basis;
- g. Coordinate with Sacramento County any programs associated with septic programs;
  - a. Conduct interviews, perform site inspections and testing of suspect sources; and
- h. Establish different levels of enforcement actions: warning letter, NOV, Cease and Desist, administrative fines, and referral to the District Attorney.

**Goal:**

Provide an investigation process and enforcement procedure in order to address illicit discharges and/or connections

**Implementing Entities:**

RMCS D

**Dependencies/Coordination:**

Requires PO-2 and IDDE-2, which are in place, and IDDE-1.



		<b>Implementation:</b> 1. Expand existing inspection program to include illicit discharge detection. 2. Develop District personnel training programs for illicit discharge recognition. 3. Track citizen reports.
<b>Measurable Goals</b>		
<b>Milestones</b>	<b>Ongoing</b>	
1. Develop inspection and screening program	1. Industrial, business, and residential inspections	
2. Inspector training	2. Dry weather flow monitoring	
3. Coordinate spill response programs	3. Citizen reports	
4. District personnel training		

<b>IDDE-4</b> <b>Household Hazardous Waste Program</b>			
<p><b><u>Detailed Description:</u></b>  The District will provide information on the household hazardous waste program in "The Pipeline," the quarterly newsletter sent to residents, and inserts in utility bills.</p>	<p><b><u>Goal:</u></b>  Provide information for the public to encourage proper dispose of hazardous household materials in a designated Sacramento County facility.</p>		
	<p><b><u>Implementing Entities:</u></b>  RMCS D staff will coordinate with the County to obtain information to be printed in the quarterly newsletter.</p>		
	<p><b><u>Dependencies/Coordination:</u></b>  IDDE-4 will be developed concurrently with PO-1.</p>		
	<p><b><u>Implementation:</u></b>  1. RMCS D to coordinate with Sacramento County on household hazardous waste disposal day(s) and location.  2. RMCS D to include information in "The Pipeline" quarterly newsletter.</p>		
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b><u>Milestones</u></b></p> <p>1. Information included in newsletter.</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b><u>Ongoing</u></b></p> <p>1. Quarterly newsletter included in utility bill.</p> </td> </tr> </table>		<p><b><u>Milestones</u></b></p> <p>1. Information included in newsletter.</p>	<p><b><u>Ongoing</u></b></p> <p>1. Quarterly newsletter included in utility bill.</p>
<p><b><u>Milestones</u></b></p> <p>1. Information included in newsletter.</p>	<p><b><u>Ongoing</u></b></p> <p>1. Quarterly newsletter included in utility bill.</p>		

<b>IDDE-5</b> <b>Public Reporting</b>			
<p><b><u>Detailed Description:</u></b>  District maintains a website and hotline to enable citizens to report observed illicit discharges and connections, as well as any non-stormwater discharges and odors. The District will:</p> <ol style="list-style-type: none"> <li>a. Respond to reports within two business days.</li> <li>b. Log and track complaints registered through the website and hotline, along with the response time and the results of the inspection.</li> </ol>	<p><b><u>Goal:</u></b>  Increase public awareness and education, and provide a means for public reporting of illicit discharges and connections.</p>		
	<p><b><u>Implementing Departments:</u></b>  RMCS D and SSMP</p>		
	<p><b><u>Dependencies/Coordination:</u></b>  Requires PI-2, which is in place.</p>		
	<p><b><u>Implementation:</u></b>  1. Respond to emails regarding site violations and illicit discharges.  2. Staff phone line and respond to reports of violations and illicit discharges.  3. Track and respond to reports of violations and illicit discharges.</p>		
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table border="0"> <tr> <td style="vertical-align: top;"> <p><b><u>Milestones</u></b>  1. Documented response and tracking protocol.</p> </td> <td style="vertical-align: top;"> <p><b><u>Ongoing</u></b>  1. 100% violation reports followed up.  2. Violation reports and follow-up actions will be included in annual reports.</p> </td> </tr> </table>	<p><b><u>Milestones</u></b>  1. Documented response and tracking protocol.</p>	<p><b><u>Ongoing</u></b>  1. 100% violation reports followed up.  2. Violation reports and follow-up actions will be included in annual reports.</p>	
<p><b><u>Milestones</u></b>  1. Documented response and tracking protocol.</p>	<p><b><u>Ongoing</u></b>  1. 100% violation reports followed up.  2. Violation reports and follow-up actions will be included in annual reports.</p>		

<b>IDDE-6 Industrial Program</b>							
<p><b><u>Detailed Description:</u></b></p> <p>a. Determine SIC codes of industries within the RMCS D service area and their permitting obligations;</p> <p>b. Inform facility operators of requirement to obtain coverage under the Industrial Permit and develop a Storm Water Pollution Prevention Plan (SWPPP);</p> <p>c. Identify areas for training and enforcement;</p> <p>d. Document high priority areas on Storm Sewer System map;</p> <p>e. Inspect industrial facilities to ensure compliance with provisions of the Permit and the facilities' SWPPP, and to identify potential illicit discharges;</p> <p>f. Produce inspection reports and document any enforcement actions.</p>	<p><b><u>Goal:</u></b></p> <p>Prevent illicit discharges from industrial facilities and ensure facility compliance with other storm water permits.</p>						
	<p><b><u>Implementing Departments:</u></b></p> <p>RMCS D</p>						
	<p><b><u>Dependencies/Coordination:</u></b></p> <p>Requires IDDE-2, which is in place. IDDE-6 and IDDE-3 will be developed concurrently.</p>						
	<p><b><u>Implementation:</u></b></p> <p>1. Determine SIC codes and permitting obligations.</p> <p>2. Identify names and locations of high priority areas within the District on the storm sewer system map.</p> <p>3. Inspect sites for compliance.</p> <p>4. Produce inspection and enforcement reports.</p>						
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"><b><u>Milestones</u></b></td> <td style="width: 50%; text-align: center;"><b><u>Ongoing</u></b></td> </tr> <tr> <td>1. Determine SIC codes and permitting obligations.</td> <td>1. Update map as new system components are added.</td> </tr> <tr> <td>2. Implement an Industrial Inspection Program</td> <td>2. Inspection and enforcement action reports</td> </tr> </table>		<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>	1. Determine SIC codes and permitting obligations.	1. Update map as new system components are added.	2. Implement an Industrial Inspection Program	2. Inspection and enforcement action reports
<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>						
1. Determine SIC codes and permitting obligations.	1. Update map as new system components are added.						
2. Implement an Industrial Inspection Program	2. Inspection and enforcement action reports						

**IDDE-7****Pollution Prevention at Non-Industrial Facilities****Detailed Description:**

District has entered into partnerships with Rancho Murieta entities responsible for activities and facilities that do not fall under the General Industrial Permit.

a. Evaluation of storm water partner facilities, and determination of the extent and nature of BMPs required for the facilities, will be conducted as part of the SWMP.

**Goal:**

Develop SOPs for targeted facilities that do not fall under the General Industrial Permit.

**Implementing Entities:**

RMCS D, RMCC, and other community entities

**Dependencies/Coordination:**

No other BMP is required for implementation of IDDE-7.

**Implementation:**

1. Evaluate additional facilities, and determination of the extent and nature of BMPs required for the facilities.

**Measurable Goals****Milestones**

1. SOPs for additional facilities.

**Ongoing**

1. Adopted SOPs for new facilities.

### **3.4 Construction Site Storm Water Runoff Control (CSSWRC)**

#### **3.4.1 DESCRIPTION**

The Construction Site Runoff Control program is intended to reduce pollutants in stormwater runoff from construction activities that disturb one acre or more. The program also covers disturbances less than one acre if it is part of a larger common plan of development. The program includes an ordinance; a telephone line and webpage for public reporting; an inspection/enforcement program; and an outreach and training program. Implementation of additional components of the program occurs through the County of Sacramento, who is responsible for reviewing plans to ensure compliance with erosion, sediment and materials/waste BMPs Construction Standards; updating the Construction Standards; supplementary site inspections; and regional training programs.

#### **3.4.2 BEST MANAGEMENT PRACTICES**

##### **CSSWRC-1 Stormwater Ordinance**

The District will use the existing storm water ordinance (District Code, Chapter 16) to address the regulatory programs required under Phase II of the NPDES Stormwater Program, including Construction Site Runoff Control. The existing ordinance includes provisions to address both erosion and sediment controls, and construction site materials and wastes. The ordinance gives the District the authority to inspect construction sites and take initiate enforcement actions when violations are identified.

##### **CSSWRC-2 RMCS D/Sacramento County Construction Standards**

Existing Sacramento County Construction Standards will apply to all RMCS D construction sites, and include standards for basic BMPs required for compliance with the General Permit. District site inspection staff are familiar with Sacramento County Standards, enforce compliance with the Construction Standards on all sites with one acre or more of disturbance, and ensure that such sites have obtained coverage under the NPDES General Permit for construction and maintain a Storm Water Pollution Prevention Plan (SWPPP) on site. The Construction Standards provide a regulatory basis on which to condition approval of projects and review improvement plans. The Sacramento County Department of Water Resources (SCDWR) is responsible for updating the standards.

### **CSSWRC-3 Plan Review**

The District will utilize Sacramento County Improvement and Construction Standards to require construction site runoff control measures and to guide in the design, installation and maintenance requirements for those measurements. Contractors will be required to prepare and submit to the County of Sacramento a SWPPP for sites or construction related activities that disturb one acre or more. The Sacramento County Department of Water Resources is responsible for the review of all improvement plans submitted for permitting, and provides comments related to compliance with the Construction Standards. The County will also require proof of coverage under the General permit. RMCS D will receive copies of all plans and County review comments.

Sacramento County is responsible for issuing guidance to County plan review personnel, and providing updates to personnel as the Construction Standards are modified or amended.

### **CSSWRC-4 Illicit Discharge Reporting Program**

The District has provided a telephone number and email contact that citizens can use to report suspected violations of the District's Construction Site Runoff Control program on its website under *Stormwater*. Referral, tracking, and follow-up procedures will be adopted to ensure that reports are investigated and resolved. Citizens may expect a response to complaints within two business days.

### **CSSWRC-5 Inspection and Enforcement Program**

The District is responsible for on-site inspection component of the CSSWRC program. The County will inspect various projects as needed. The County will not be responsible for enforcement action, but will alert RMCS D when violations are suspected. Sacramento County and the District will coordinate their efforts to train construction site inspectors in identifying violations.

In September of each year, the District delivers a letter to all construction site operators within the service area calling for compliance with the General Permit and requiring that all BMPs be in place before the beginning of the rainy season (October 15). This reminder letter is followed up by pre-season inspections in early October. If the required BMPs are still not in place, another reminder letter is sent, and the site is placed on a prioritized, pre-storm inspection list. Storm events are followed by a post-storm inspection to evaluate BMP effectiveness.

The RMCS D will perform ongoing development of a prioritized or tiered inspection schedule. Construction sites will be listed on the inspection schedule based on risk criteria (e.g., slopes, proximity to receiving waterways, previous violations). Every construction site one acre or greater will be inspected at least once per year. Follow-up inspections will occur on an as-needed basis where violations have been observed.

RMCS D has established a tiered system of enforcement actions to be used when site(s) are found in violation of the General Permit. Upon the first violation, the RMCS D inspector will warn the on-site contact person verbally and document the conversation. This will occur two times. After the second verbal warning, and if the site is still found in violation, a Letter of Non-Compliance will be delivered to the site operator. The operator will have 30 days or less (depending on violation and conditions) to come into compliance. If compliance is not achieved, the operator will receive a second Letter of Non-Compliance. The operator will have one chance to respond to this letter before a misdemeanor fine is levied, which includes 1) a letter of the official charges and a \$500 fine and a verbal warning that the District has also given notice of the violation to Sacramento County and the Central Valley Regional Water Quality Control Board, and/or 2) imprisonment in the County Jail, not to exceed six months per offense. Each day out of compliance is considered a separate offense.

### **CSSWRC-6 Training/Information Distribution Program**

The District informs contractors regarding General Permit requirements and the provisions of the Construction Site Runoff Control program. District inspection staff personally contact construction site contractors by letter, include the inspector's contact information, and request to be present at any pre-construction meetings.

Site compliance training is available to contractors through Sacramento County programs. Training information and dates are listed via link on the RMCS D website to the Sacramento County website.

### **CSSWRC-7 RMCS D Inspection Staff Training**

The District has provided and will continue to provide training for inspection and enforcement staff in order to address stormwater compliance issues. The District will implement new inspection procedures and update new enforcement actions, as the CSSWRC program evolves.



**3.4.3. CONSTRUCTION SITE STORM WATER RUNOFF CONTROL FACT SHEET**

# Construction Site Storm Water Runoff Control (CSSWRC)

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**Description:** The Construction Site Storm Water Runoff Control program is intended to reduce pollutants in stormwater runoff from construction activities that disturb one acre or more. The program also covers disturbances less than one acre if it is part of a larger common plan of development. The program includes an ordinance; a telephone line and webpage for public reporting; an inspection/enforcement program; and an outreach and training program. Implementation of additional components of the program occurs through the County of Sacramento, who is responsible for reviewing plans to ensure compliance with erosion, sediment and materials/waste BMPs Construction Standards; updating the Construction Standards; supplementary site inspections; and regional training programs.

## CSSWRC BEST MANAGEMENT PRACTICES

### **1. Stormwater Ordinance**

Existing ordinance includes provisions to address both erosion and sediment controls, and construction site materials and wastes. The ordinance gives the District the authority to inspect construction sites and take initiative enforcement actions when violations are identified.

### **2. RMCS D/Sacramento County Construction Standards**

Existing Sacramento County Construction Standards will apply to all RMCS D construction sites, and include standards for basic BMPs required for compliance with the General Permit.

### **3. Plan Review**

The Sacramento County is responsible for the review of all improvement plans submitted for permitting, and provides comments related to compliance with the Construction Standards.

### **4. Illicit Discharge Reporting Program**

The District has provided a telephone number and email contact that citizens can use to report suspected violations of the District's Construction Site Runoff Control program

### **5. Inspection and Enforcement Program**

Existing inspection program includes prioritized or tiered inspection schedule and escalating enforcement procedures.

### **6. Training and Information Distribution Program**

Contractors are informed regarding General Permit requirements and the provisions of the Construction Site Runoff Control program. Site compliance training is available to contractors through Sacramento County programs.

### **7. RMCS D Inspection Staff Training**

Training provided to inspection and enforcement staff in order to address stormwater compliance issues.

<b>BMP</b>	<b>Implementing Entities</b>	
	<b>Lead</b>	<b>Cooperating</b>
1. Stormwater Ordinance	RMCS D	
2. RMCS D/Sacramento County Construction Standards	SCDWR	RMCS D
3. Plan Review	SCDWR	RMCS D
4. Illicit Discharge Reporting Program	RMCS D	SSMP
5. Inspection and Enforcement Program	RMCS D	SCDPW
6. Training and Information Distribution Program	RMCS D	SSMP
7. RMCS D Inspection Staff Training	RMCS D	SSMP

**FIVE YEAR IMPLEMENTATION SCHEDULE**

Public Involvement/Participation	2005/6	2006/7	2007/8	2008/9	2009/10	2010/11	2011/12
CSSWRC-1 Stormwater Ordinance							
CSSWRC-2 RMCS D/County Inspection Standards							
CSSWRC-3 Plan Review							
CSSWRC-4 Illicit Discharge Reporting System							
CSSWRC-5 Inspection and Enforcement Program							
CSSWRC-6 Training and Information Distribution Program							
CSSWRC-7 RMCS D Inspection Staff Training							
Full Implementation							

**CSSWRC-1  
Stormwater Ordinance**

**Detailed Description:**

The District will use the existing ordinance to provide the authority to implement and require other components of the CSSWRC program.

**Goal:**

Use existing Stormwater Ordinance to prohibit unauthorized stormwater discharges.

**Implementing Entities:**

RMCS D

**Dependencies/Coordination:**

The Stormwater Ordinance provides the regulatory basis for CSSWRC-5, the Inspection and Enforcement Program.

**Implementation:**

1. Amend ordinance as needed to reflect the approval of the SWMP.

**Measurable Goals**

**Milestones**

1. Ordinance implemented.

**Ongoing**

1. Assess ordinance every five years.

**CSSWRC-2**  
**RMCS D/Sacramento County Construction Standards**

**Detailed Description:**

Existing Sacramento County Construction Standards will apply to all RMCS D construction sites.

- a. County of Sacramento uses inspection standards in plan review process;
- b. RMCS D inspects and enforces compliance with Construction Standards; and
- c. Standards require that all construction sites containing one acre or more of disturbed soil are required to be covered under the NPDES General Permit for construction and have a SWPPP located on site.

**Goal:**

Provide technical guidelines for implementation of a construction storm water program.

**Implementing Entities:**

RMCS D will use existing Sacramento County Construction Standards for construction sites within the District. County is responsible for updating standards.

**Dependencies/Coordination:**

RMCS D will inspect construction sites on a prioritized basis and make enforcements as necessary using Sacramento County Construction Standards.

**Implementation:**

1. Provide Construction Standards to RMCS D staff.
2. Post link to County Standards on RMCS D website.

**Measurable Goals**

**Milestones**

**Ongoing**

1. Update standards as necessary to achieve program goals.

**CSSWRC-3  
Plan Review**

**Detailed Description:**

The District will utilize Sacramento County Improvement and Construction Standards to require construction site runoff control measures and to guide in the design, installation and maintenance requirements for those measurements.

- a. Operators will be required to prepare a SWPPP for sites disturbing one acre or more;
- b. Sacramento County Department of Water Resources will review the SWPPP and provide comments ensuring that every site has obtained permit coverage and holds a plan that complies with the construction Standards;
- c. District will review SWPPPs on each construction site as part of the inspection program.

**Goal:**

Utilize existing review program to ensure compliance with Construction Standards and reduce sediment and construction site materials in storm water runoff.

**Implementing Departments:**

Sacramento County is responsible for approving SWPPPs submitted for review.

RMCS D reviews SWPPPs on site.

**Dependencies/Coordination:**

CSSWRC-3 is dependent on CSSWRC-2 which is in place.

**Implementation:**

- 1. Provide Construction Standards to RMCS D staff.
- 2. Post link to County Standards on RMCS D website.

**Measurable Goals**

**Milestones**

**Ongoing**

- 1. Plans reviewed as they are received.

**CSSWRC-4  
Illicit Discharge Reporting Program**

**Detailed Description:**

The District has provided a telephone number and email contact that citizens can use to report suspected violations of the District's Construction Site Storm Water Runoff Control program.

- a. Information is listed on the RMCS D website under *Stormwater Quality*;
- b. Referral, tracking, and follow-up procedures will be adopted to ensure that reports are investigated and resolved; and
- c. District will respond to reports within two business days.

**Goal:**

Provide a hotline and website to enable citizens to report observed illicit discharges from construction sites, respond to complaints, and track the reports and their follow-up actions.

**Implementing Departments:**

RMCS D and SSMP

**Dependencies/Coordination:**

No other BMPs necessary to implement the existing Illicit Discharge Reporting System.

**Implementation:**

- 2. Respond to emails regarding site violations and illicit discharges.
- 3. Staff phone line and respond to reports of violations and illicit discharges.
- 4. Track and respond to reports of violations and illicit discharges.

**Measurable Goals**

**Milestones**

- 1. Documented response and tracking protocol.

**Ongoing**

- 1. 100% violation reports followed up.
- 2. Violation reports and follow-up actions will be included in annual reports.

**CSSWRC-5  
Inspection and Enforcement Program**

**Detailed Description:**

Implementation of the Inspection and Enforcement Program is two-fold:

1. County implementation:
  - a. Project inspection as needed but not enforcement action. Any observed violations will be reported to District staff.
2. District implementation:
  - a. Send out a BMP reminder letter to construction sites each September;
  - b. Visit construction sites in early October. If not compliant after first visit, a letter is sent and the site is placed on the prioritized inspection list (prioritized using risk criteria);
  - c. Inspect non-compliant sites post-storm to check for effectiveness;
  - d. Train construction site inspectors;
  - e. Inspect sites greater than or equal to one acre at least once per year, and follow-up inspections where violations occur; and
  - f. Tiered enforcement actions: give up to two verbal warnings and document conversation(s), up to two Letters of Non-Compliance, misdemeanor fine and/or imprisonment.

**Goal:**

Ensure all construction sites comply with Sacramento County and RMCSO ordinances and standards.

**Implementing Entities:**

RMCSO and SCDPW

**Dependencies/Coordination:**

No other BMPs necessary to implement the existing Inspection and Enforcement Program.

**Implementation:**

1. Set inspection criteria and prioritize inspection schedule based on risk criteria.
2. Create inspection checklist.
3. Provide training for inspectors and enforcement officials.
4. Implement tiered enforcement actions on non-compliant sites.
5. Record violations and track progress toward corrective actions.

**Measurable Goals**

**Milestones**

1. Documented inspection, response and tracking protocol.

**Ongoing**

1. Inspect sites one acre or greater at least once per year.
2. Follow-up inspections where violations occur.



**CSSWRC-6  
Training and Information Distribution Program**

**Detailed Description:**

The District informs contractors regarding District requirements for the Construction Site Runoff control program by using the following methods:

- a. District inspection staff personally contact construction site contractor and/or operator by letter that includes the inspector's contact information and request to be present at any pre-construction meetings;
- b. Site compliance training is available to contractors through Sacramento County programs; and
- c. Training information and dates are listed via link on the RMCS D website to the Sacramento County website.

**Goal:**

Inform contractors about RMCS D requirements for Construction Site Runoff Control Program.

**Implementing Entities:**

RMCS D staff will place links to available training sessions on the RMCS D website. Sacramento County will hold training sessions for contractors.

**Dependencies/Coordination:**

No other BMPs necessary to implement CSSWRC-6.

**Measurable Goals**

**Milestones**

1. Link to County training sessions on RMCS D website.

**Ongoing**

1. RMCS D to contact all new project contractors.

**Implementation:**

1. Contact all new project contractors and provide information related to CSSWRC program.
2. Post information on training opportunities on RMCS D website and provide link to County website.

**CSSWRC-7  
RMCS D Inspection Staff Training**

**Detailed Description:**

The RMCS D has provided and will continue to provide training for inspection and enforcement staff in order to address stormwater compliance issues. The RMCS D will also implement new inspection procedures and update new enforcement actions.

**Goal:**

Provide RMCS D staff with the most up-to-date information on stormwater compliance issues, such as inspection and enforcement requirements, and implementation of new procedures.

**Implementing Entities:**

RMCS D

**Dependencies/Coordination:**

No other BMPs necessary to implement CSSWRC-7.

**Implementation:**

1. Provide training course information to District inspection staff.
2. Require inspection staff to obtain at least 16 hours of NPDES related training.

**Measurable Goals**

**Milestones**

**Ongoing**

1. All RMCS D inspection staff obtain at least 16 hours of NPDES related training.

## **3.5 Post-Construction Storm Water Management (PCSWM)**

### **3.5.1 DESCRIPTION**

The goal of the District's Post-Construction Storm Water Management MCM is to provide for ongoing minimization of storm water pollutants in runoff from areas of new or redevelopment.

The following BMPs are included in the PCSWM MCM:

- Post-Construction Controls Ordinance
- Development Review Process
- Set Design Standards
- Operation and Maintenance of Controls

Post-construction storm water quality controls are structural and non-structural measures intended to prevent pollutants from entering storm water and/or treat storm water. Structural controls include treatment features such as basins and grass-line swales. Non-structural measures include policies and practices such as the requirement to stencil storm drains. The District PCSWM MCM will include the use of both structural and non-structural BMPs.

Through the existing storm water program, Sacramento County will maintain responsibility for developing post-construction design standards and implementation of the Development Review Process. The District has adopted a post-construction controls ordinance, and will be responsible for the operation and maintenance of controls.

### **3.5.2 BEST MANAGEMENT PRACTICES**

#### **PCSWM-1 Post-Construction Controls Ordinance**

The District has adopted a Stormwater Ordinance, which addresses stormwater runoff from new development and redevelopment. The ordinance allows the District to require post-construction controls on new development and redevelopment, and provides the authority to inspect and require maintenance on privately owned controls.

## **PCSWM-2 Development Review Process**

The District and the County condition projects to adopt post-construction storm water controls. The District has the ability to comment during the County discretionary land use approval process on the following, including but not limited to: residential, industrial, and commercial projects, tentative maps, and use permits. The CEQA process provides an additional means to comment on the requirement of project water quality controls.

All projects must comply with the County's Development Standards, and submit, if required, improvement plans that include storm water controls in accordance with the County storm water standards. The County is responsible for ensuring that submitted plans comply with County post-construction water quality design standards.

## **PCSWM-3 Design Standards**

The County of Sacramento is responsible for the development of standards to be used in the design of post-construction controls. The District SWMP Design Standard BMP will refer to the latest version of the design standards, currently, *City and County of Sacramento Guidance Manual for On-site Stormwater Quality Control Measures* (2000). The manual serves as the main tool for ensuring that projects are required to include storm water quality controls. Specific sizing criteria are described for treatment measures, and required BMPs are identified according to project category. The Sacramento permittees are currently updating the plan, and intend to adopt it into the program by summer of 2006.

## **PCSWM-4 Operations and Maintenance of Controls**

It is not uncommon for post-construction storm water facilities to be laden with trash and debris. This causes system back-up, inefficient water treatment, localized flooding, and potentially permanent damage to the Stormwater Facility. Therefore, it is important to ensure proper operation and maintenance of all post-construction BMPs in order to stay in compliance with the General Permit as well as the Stormwater Ordinance.

The District currently owns/holds the easements to water quality basins within the service area. In order to ensure the proper function of the water quality basins, the District has established Operation and Maintenance Plans (O and M Plan) for each of the basins. The O and M Plans include inspection schedules, inspection procedures and check-lists, and maintenance methods.

**3.5.3. POST-CONSTRUCTION STORM WATER MANAGEMENT FACT SHEETS**

## Post-Construction Storm Water Management (PCSWM)

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**Description:** The goal of the District's Post-Construction Storm Water Management in New Development and Redevelopment MCM is to provide for ongoing minimization of storm water pollutants in runoff from areas of new or redevelopment.

### PCSWM BEST MANAGEMENT PRACTICES

<p><b>1. Post Construction Ordinance</b> Existing Ordinance allows the District to require post-construction controls on new development and redevelopment, and provides the authority to inspect facilities.</p> <p><b>2. Develop Review Process</b> Projects must comply with the County's Development Standards and submit improvement plans that include storm water controls.</p>	<p><b>3. Design Standards</b> County of Sacramento has developed and is currently updating, standards to be used in the design of post-construction controls.</p> <p><b>4. Operation and Maintenance of Controls</b> The District implements Operation and Maintenance Plans (O and M Plan) for storm water treatment facilities.</p>				
<b><u>BMP</u></b>	<b><u>Implementing Entities:</u></b>				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b><u>Lead</u></b></td> <td style="text-align: center;"><b><u>Cooperating</u></b></td> </tr> <tr> <td style="vertical-align: top;">                     RMCS                      SCDWR                      SSMP                      RMCS                 </td> <td style="vertical-align: top;">                     RMCS                 </td> </tr> </table>	<b><u>Lead</u></b>	<b><u>Cooperating</u></b>	RMCS SCDWR SSMP RMCS	RMCS
<b><u>Lead</u></b>	<b><u>Cooperating</u></b>				
RMCS SCDWR SSMP RMCS	RMCS				
1. Post Construction Ordinance 2. Develop Review Process 3. Design Standards 4. Operation and Maintenance of Controls					

### **FIVE YEAR IMPLEMENTATION SCHEDULE**

Public Involvement/Participation	2005/6	2006/7	2007/8	2008/9	2009/10
PCSWM-1 Post Construction Ordinance					
PCSWM-2 Develop Review Process					
PCSWM-3 Design Standards					
PCSWM-4 Operation and Maintenance of Controls					
Full Implementation					

**PCSWM-1  
Post-Construction Ordinance**

**Detailed Description:**

The District will use the existing ordinance to provide the authority to implement and require other components of the PCSWM program.

**Goal:**

Use existing Stormwater Ordinance to require implementation of post-construction storm water quality controls.

**Implementing Entities:**

RMCS D

**Dependencies/Coordination:**

PCSWM-1 provides the regulatory basis for PCSWM-2 and PCSWM-3.

**Implementation:**

1. Ordinance will be amended as needed to reflect the approval of the SWMP.

**Measurable Goals**

**Milestones**

1. Ordinance implemented.

**Ongoing**

1. Assess every five years.

**PCSWM-2  
Development Review Process**

**Detailed Description:**

The District and the County condition projects to adopt post-construction storm water controls.

a. District comments during the County discretionary land use approval process on the following, including but not limited to: residential, industrial, and commercial projects, tentative maps, and use permits.

b. Improvement plans are submitted to the County for review and to ensure compliance with County post-construction water quality design standards.

**Goal:**

Utilize existing review program to ensure compliance with Design Standards for post-construction storm water controls.

**Implementing Entities:**

RMCSO and SCDWR

**Dependencies/Coordination:**

Requires PCSWM-1 and PCSWM-3, which are in place.

**Implementation:**

1. Provide Design Standards to RMCSO staff.
2. Post link to County Standards on RMCSO website to current version of Design Standards Manual.

**Measurable Goals**

**Milestones**

**Ongoing**

1. Assess every five years.



**PCSWM-3  
Design Standards**

**Detailed Description:**

The County of Sacramento is responsible for the development of standards to be used in the design of post-construction controls.

- a. Refer project applicants to the latest version of the design standards, currently, which includes specific sizing criteria for treatment measures, and required BMPs identified according to project category.

**Goal:**

Provide technical guidelines for the design of post-construction storm water controls.

**Implementing Entities:**

SSMP

**Dependencies/Coordination:**

PCSWM-3 is required for implementation of PCSWM-2.

**Implementation:**

- 1. Provide Design Standards to RMCS staff.
- 2. Post link to County Standards on RMCS website to current version of Design Standards Manual.

**Measurable Goals**

**Milestones**

- 1. Updated design standards manual.

**Ongoing**

- 1. Assess every five years.

**PCSWM-4  
Operation and Maintenance of Controls**

**Detailed Description:**

The District operates a storm water facility maintenance program.

- a. The District currently owns/holds easements on facilities within the service area, and will continue to accept easements on future facilities;
- b. The District has established Operation and Maintenance Plans (O and M Plan) to ensure the proper function of the facilities. The O and M Plans include inspection schedules, inspection procedures and check-lists, and maintenance methods; and
- c. The District will implement O and M Plans for all new facilities.

**Goal:**

Provide for the on-going maintenance of storm water quality facilities.

**Implementing Entities:**

RMCS D

**Dependencies/Coordination:**

Requires PCSWM-1, which is in place.

**Implementation:**

1. Condition new projects with requirement to produce and O and M Plan for any storm water treatment facility.

**Measurable Goals**

**Milestones**

1. O and M Plans for new facilities.

**Ongoing**

1. Assess program efficacy every five years.

## **3.6 Pollution Prevention and Good Housekeeping for Municipal Operations (GH)**

### **3.6.1 DESCRIPTION**

The purpose of the Pollution Prevention and Good Housekeeping for Municipal Operations MCM is to prevent or reduce polluted stormwater runoff from District operations and facilities, and facilities operating through cooperative agreements with the District. This program includes training and workshops for staff on pollution prevention measures and techniques. The following measures and techniques are included in the MCM:

- Pollution Prevention and Good Housekeeping Training
- Storm Sewer Maintenance
- Street Sweeping
- Parking Lot Cleaning at RMCS D Facilities
- Green Waste Program
- Integrated Pest Management Program

The RMCS D is responsible for the operation and maintenance of several public facilities throughout the District such as the storm drain system and the Tertiary Wastewater Treatment Facility.

The District and its community storm water partners will implement programs with the goal of preventing or reducing pollutant from District-related operations. The program will include staff training and the implementation of Standard Operating Procedures (SOPs), inspection programs, and maintenance programs for District facilities. The SOPs will provide BMPs that can be implemented within the District and District storm water partners' facilities to reduce pollutants in storm water.

The program further develops these elements as facility activities are identified and includes appropriate controls to address the specific needs and characteristics of the District's operations.

### **3.6.2 BEST MANAGEMENT PRACTICES**

#### **GH-1 Pollution Prevention and Good Housekeeping Training**

The purpose of GH-1 is to develop a District training program for staff working at District facilities. The training program will include information on proper use and implementation of standard facility BMPs, and identification of activities that may

introduce pollutants and non-stormwater discharges into storm drain systems. The training program will focus on topics related to stormwater management. These topics include but are not limited to the following: material storage, spill prevention and clean-up, preventative maintenance, and source control measures. District inspection personnel will receive additional training in monitoring and reporting requirements for the facilities.

## **GH-2 Storm Sewer Maintenance**

The District has developed and implemented a program to address maintenance and cleanout of storm sewer inlets, outlets, manholes, catch basins, pump stations, pipelines, detention basins, and any other source of storm sewer debris. The program will be further formalized and documented through the development of a schedule for maintenance of structures other than basins, and incorporation of the new drainage map. Various methods for the maintenance of different types of sewer components will be described in the maintenance plan.

## **GH-3 Street Sweeping**

The Street Sweeping MCM is a BMP designed to collect sediment and debris from roadways within the District service area. Currently, the Home Owners Associations are responsible for street sweeping within the residential developments. Through a cooperative agreement with the HOAs, street sweeping will become a required component of the SWMP, and street sweeping schedules will be formalized.

## **GH-4 Parking Lot Cleaning at RMCS D Facilities**

Parking lot sweeping occurs as a regular part of the District landscape maintenance program. Parking lots will be inspected regularly for spilled or improperly stored materials.

## **GH-5 Pollution Prevention at RMCS D Facilities**

The District will develop Standard Operating Procedures (SOPs) for use by District personnel. The District will survey facilities for activities that may contribute to pollutants to the storm system, and then identify problem areas needing to be addressed in the SOPs. The SOPs will be specific to the type of facility and associated activities, and may include, but will not be limited to, provisions for vehicle maintenance, material storage areas, landscaping and pest controls, secondary containment structures, maintenance of spill kits, spill response procedures, and covered activity areas.

## **GH-6 Green Waste Program**

Unmanaged green wastes can be carried into storm water runoff and into waterways. Green wastes typically contain contaminants such as fertilizers, pesticides, and sediment. The County of Sacramento currently has a program that includes the collection of residential green waste within the District service area on a bi-weekly basis. In November of 2005, responsibility for the green waste program will transfer to the District.

## **GH-7 Integrated Pest Management Program**

In order to decrease the amount of pesticides into storm water runoff, the County of Sacramento is in the process of initiating a program that focuses on an environmentally friendly approach to handling pests. The program will focus on using different techniques such as biological control, habitat manipulation, and modification of cultural practices. Pesticides will only be used if/when the environmentally friendly solutions are not working, which will be determined by a monitoring program. If pesticides are used, the goal will be to remove the target organism, and applied in manner that minimizes risks to the environment, human health, and non-target organisms. The RMCS D will review the County's IPM program when it is finalized. Where applicable and practicable, RMCS D will adopt County IPM measures and incorporate them into the RMCS D storm water program.

**3.6.3 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS FACT SHEETS**

# Pollution Prevention and Good Housekeeping for Municipal Operations(GH)

---

**Description:** The purpose of the Pollution Prevention and Good Housekeeping for Municipal Operations MCM is to prevent or reduce polluted stormwater runoff from District operations and facilities, and facilities operating through cooperative agreements with the District. This program includes training and workshops for staff on pollution prevention measures and techniques.

## **GH BEST MANAGEMENT PRACTICES**

### **1. Pollution Prevention and Good Housekeeping Training**

Provide training on proper use and implementation of standard facility BMPs, and identification of activities that may introduce pollutants and non-stormwater discharges into storm drain systems.

### **2. Storm Sewer Maintenance**

District will further formalize existing program to address maintenance and cleanout of storm sewer components.

### **3. Street Sweeping**

Street sweeping within the residential areas, which is the responsibility of the Home Owners Associations, will become a required component of the SWMP.

### **7. Integrated Pest Management Policy**

District will incorporate measures from the County of Sacramento's IPM Policy and strive to reduce the use of pesticides.

### **4. Parking Lot Cleaning at RMCS D Facilities**

Parking lot sweeping and maintenance occurs as a regular part of the District landscape maintenance program.

### **5. Pollution Prevention at RMCS D Facilities**

The District survey facilities for activities that may contribute to pollutants to the storm system and will develop Standard Operating Procedures (SOPs) for use by District personnel

### **6. Green Waste Program**

Responsibility for the bi-weekly collection of residential green waste within the District service area will transfer to the District.

<b>BMP</b>	<b>Implementing Departments</b>	
	<b>Lead</b>	<b>Cooperating</b>
1. Pollution Prevention and Good Housekeeping Training	RMCS D	RMCS D  Sacramento County (temp.) Sacramento County
2. Storm Sewer Maintenance	RMCS D	
3. Street Sweeping	HOAs	
4. Parking Lot Cleaning at RMCS D Facilities	RMCS D	
5. Pollution Prevention at RMCS D Facilities	RMCS D	
6. Green Waste Program	RMCS D	
7. Integrated Pest Management Policy	RMCS D	

**FIVE YEAR IMPLEMENTATION SCHEDULE**

Public Involvement/Participation	2005/6	2006/7	2007/8	2008/9	2009/10
GH-1 Pollution Prevention and Good Housekeeping Training					
GH-2 Storm Sewer Maintenance					
GH-3 Street Sweeping					
GH-4 Parking Lot Cleaning at RMCS D Facilities					
GH-5 Pollution Prevention at RMCS D Facilities					
GH-6 Green Waste Program					
GH-7 Integrated Pest Management Policy					
Full Implementation					



**GH-1  
Pollution Prevention and Good Housekeeping Training**

**Detailed Description:**

The District will develop a training program for staff working at District facilities.

a. The training program will include information on proper use and implementation of standard facility BMPs, and identification of activities that may introduce pollutants and non-stormwater discharges into storm drain systems. The training program will focus on topics related to stormwater management. These topics include but are not limited to the following: material storage, spill prevention and clean-up, preventative maintenance, and source control measures;

b. District inspection personnel will receive additional training in monitoring and reporting requirements for the facilities.

**Goal:**

Increase awareness and active participation of District personnel related to storm water pollution prevention.

**Implementing Entities:**

RMCS D

**Dependencies/Coordination:**

No other BMP is required for implementation of GH-1, but training should follow development of GH-5.

**Implementation:**

1. Develop an employee training manual that fulfills the requirements of the SWMP.
2. Conduct employee training sessions.

**Measurable Goals**

**Milestones**

1. Employee training manual.

**Ongoing**

1. Revisions to the employee training manual.

**GH-2  
Storm Sewer Maintenance**

**Detailed Description:**

The District sewer maintenance program includes provisions to:

- a. Utilize existing program to address maintenance and cleanout of storm sewer inlets, outlets, manholes, catch basins, pump stations, pipelines, detention basins, and any other source of storm sewer debris; and
- b. Further formalized and document the program through the development of a schedule for maintenance of structures other than basins, and incorporation of the new drainage map. Various methods for the maintenance of different types of sewer components will be described in the maintenance plan.

**Goal:**

Maintain storm water quality by removing debris and pollutants from the storm sewer system.

**Implementing Entities:**

RMCS D

**Dependencies/Coordination:**

IDDE-1 is required for implementation of a portion of GH-2.

**Implementation:**

1. Develop a storm sewer maintenance plan and schedule.
2. Include storm sewer system map in maintenance plan.

**Measurable Goals**

**Milestones**

1. Documented Sewer Maintenance Plan.

**Ongoing**

1. Revised sewer maintenance plan as new components are added.

<b>GH-3 Street Sweeping</b>			
<p><b><u>Detailed Description:</u></b> Currently, the Home Owners Associations are responsible for street sweeping within the residential developments. a. Through a cooperative agreement with the HOAs, street sweeping will become a required component of the SWMP, and street sweeping schedules will be formalized.</p>	<p><b><u>Goal:</u></b> Remove potential pollutants from residential streets through a street sweeping program.</p>		
	<p><b><u>Implementing Entities:</u></b>  HOAs and RMCS D</p>		
	<p><b><u>Dependencies/Coordination:</u></b> No other BMP is required for implementation of GH-3.</p>		
	<p><b><u>Implementation:</u></b> 1. Work with the HOAs to develop street sweeping schedules and agreements. 2. Enter into agreements and establish schedules associated with new development projects.</p>		
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b><u>Milestones</u></b> 1. Street sweeping schedule.</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b><u>Ongoing</u></b> 1. Street sweeping schedules for new development projects.</p> </td> </tr> </table>		<p><b><u>Milestones</u></b> 1. Street sweeping schedule.</p>	<p><b><u>Ongoing</u></b> 1. Street sweeping schedules for new development projects.</p>
<p><b><u>Milestones</u></b> 1. Street sweeping schedule.</p>	<p><b><u>Ongoing</u></b> 1. Street sweeping schedules for new development projects.</p>		

**GH-4  
Parking Lot Cleaning at RMCS D Facilities**

<p><b><u>Detailed Description:</u></b> The District will operate a parking lot cleaning program, to include:</p> <ul style="list-style-type: none"> <li>a. Parking lot sweeping as a regular part of the District landscape maintenance program; and</li> <li>b. Parking lot inspections occurring regularly for spilled or improperly stored materials.</li> </ul>	<p><b><u>Goal:</u></b> Remove potential pollutants from RMCS D facility parking lots through an inspection and pavement sweeping program.</p>		
	<p><b><u>Implementing Departments:</u></b>  RMCS D</p>		
	<p><b><u>Dependencies/Coordination:</u></b> No other BMP is required for implementation of GH-4.</p>		
	<p><b><u>Implementation:</u></b> 1. Regularly inspect parking lots for improperly stored or spilled materials.</p>		
<p><b><u>Measurable Goals</u></b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"><b><u>Milestones</u></b></td> <td style="width: 50%; text-align: center;"><b><u>Ongoing</u></b></td> </tr> </table>		<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>
<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>		

<b>GH-5</b> <b>Pollution Prevention at RMCS D Facilities</b>					
<p><b><u>Detailed Description:</u></b>  Development of Standard Operating Procedures (SOPs) for use by District personnel will include;</p> <ol style="list-style-type: none"> <li>a. Survey of facilities for activities that may contribute to pollutants to the storm system;</li> <li>b. Identification of problem areas needing to be addressed in the SOPs;</li> <li>c. Development of SOPs specific to the type of facility and associated activities, including, but will not be limited to, provisions for vehicle maintenance, material storage areas, landscaping and pest controls, secondary containment structures, maintenance of spill kits, spill response procedures, and covered activity areas.</li> </ol>	<p><b><u>Goal:</u></b>  Minimize water quality impacts due to storm water runoff from District-owned facilities and operations.</p>				
	<p><b><u>Implementing Departments:</u></b>   RMCS D</p>				
	<p><b><u>Dependencies/Coordination:</u></b>  No other BMP is required for implementation of GH-5.</p>				
	<p><b><u>Implementation:</u></b>  1. Conduct survey an evaluation of District facilities.  2. Develop SOPs for all facilities with potential storm water issues.</p>				
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"><b><u>Milestones</u></b></td> <td style="width: 50%; text-align: center;"><b><u>Ongoing</u></b></td> </tr> <tr> <td style="text-align: center;">1. Facility SOPs.</td> <td style="text-align: center;">1. SOPs for new facilities.</td> </tr> </table>		<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>	1. Facility SOPs.	1. SOPs for new facilities.
<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>				
1. Facility SOPs.	1. SOPs for new facilities.				

<b>GH-6 Green Waste Program</b>					
<p><b><u>Detailed Description:</u></b> The County of Sacramento currently has a program that includes the collection of residential green waste. a. Starting on November 2005, the District will remove green waste on a bi-weekly basis within the service area.</p>	<p><b><u>Goal:</u></b> Remove potential pollutants from residential streets through a green waste collection program.</p>				
	<p><b><u>Implementing Departments:</u></b>  RMCS D and Sacramento County (temp.)</p>				
	<p><b><u>Dependencies/Coordination:</u></b> No other BMP is required for implementation of GH-6.</p>				
	<p><b><u>Implementation:</u></b> 1. Implement new green waste removal program.</p>				
<p style="text-align: center;"><b><u>Measurable Goals</u></b></p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><b><u>Milestones</u></b></td> <td style="text-align: center;"><b><u>Ongoing</u></b></td> </tr> <tr> <td colspan="2">1. Green waste program star-up.</td> </tr> </table>	<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>	1. Green waste program star-up.		
<b><u>Milestones</u></b>	<b><u>Ongoing</u></b>				
1. Green waste program star-up.					

**GH-7  
Integrated Pest Management Policy**

**Detailed Description:**

The County of Sacramento is starting an Integrated Pest Management Program (IPM) that strives to reduce the use of pesticides in pest management, thereby, decreasing the levels of pesticides in storm water runoff. RMCS D staff will review the County program as it is developed and incorporate, as practicable, measures recommended/required by the County.

**Goal:**

Maintain effective pest management through responsible pesticide use practices and the application of IPM to reduce risks associated with pesticide use.

**Implementing Departments:**

RMCS D and Sacramento County

**Dependencies/Coordination:**

No other BMP is required for implementation of GH-7.

**Implementation:**

1. Implement new Integrated Pest Management Policy.

**Measurable Goals**

**Milestones**

1. Environmentally friendly pest management program start-up.

**Ongoing**

1. Updates to the program as improved IPM techniques and materials are developed.

## **Section 4: Monitoring and Reporting**

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The District will prepare annual reports for submittal to the Regional Water Quality Control Board, which will contain reports, evaluations, and assessments related to the Storm Water Management Program. The monitoring program will provide data to assist in measuring progress and implementation of the program. The District will evaluate each year, overall program compliance, along with the appropriateness of the identified BMPs, and the progress toward reaching the milestones. Accurate records will be kept on the dates, times, and results of all scheduled inspections and maintenance activities, and reports of potential violations. A summary of the activities proposed for the next reporting period will be included in each annual report, along with any change in BMPs or measurable goals.



## References

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40 CFR Parts 9, 122, 123 and 124, NPDES Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges; Final Rule, 8 December 1999.

Guidance Manual for On-Site Stormwater Quality Control Measures. Sacramento Stormwater Management Program. January 2000.

National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000004: Waste Discharge Requirements (WDRs) for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s), State Water Resources Control Board Water Quality Order No. 2003-005-DWQ. 2003.