

Sacramento Stormwater Quality Program

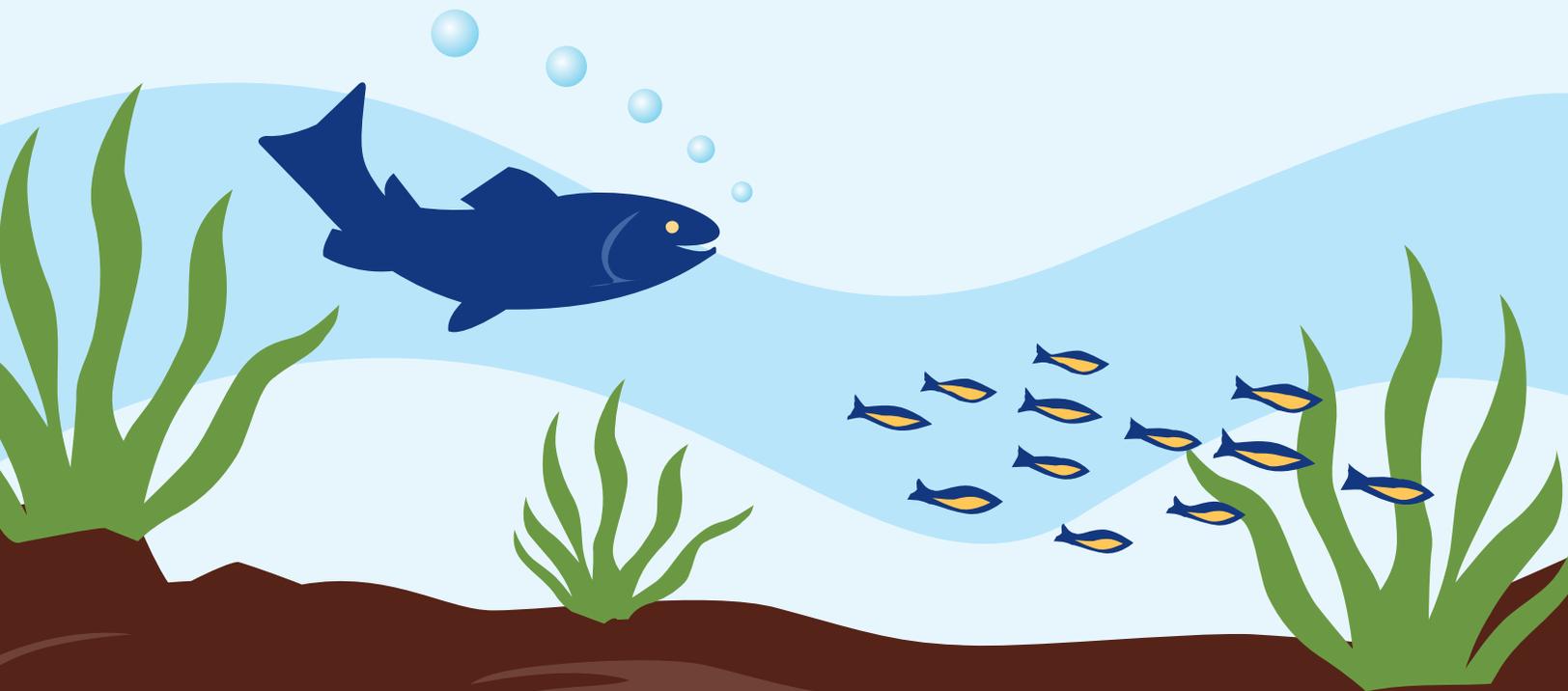
2008-09 Work Plan

May 1, 2008

Prepared by:



DEPARTMENT OF WATER RESOURCES
STORMWATER UTILITY
Stormwater Quality Program



Submitted to:

Central Valley Regional Water Quality Control Board,
11020 Sun Center Drive, Suite 200, Rancho Cordova, CA 95670-6114

**Sacramento County Stormwater Management Program
2008-09 Work Plan
May 1, 2008**

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Municipal Services Agency

Terry Schutten, County Executive

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County of Sacramento

SACRAMENTO STORMWATER MANAGEMENT PROGRAM

ANNUAL WORK PLAN FOR 2008-2009 FISCAL YEAR FOR SACRAMENTO COUNTY

CERTIFICATION

In accordance with Title 40, Section 122.22, Paragraphs (a)(3), (b)(1) and (d) of the Code of Federal Regulations:

I certify under penalty of law that the County of Sacramento Annual Work Plan for 2008-2009, dated May 1, 2008 was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on the 30th day of April, 2008,

at Sacramento, CA.

Keith DeVore

Signature

Keith DeVore, Director

Dept. of Water Resources

County of Sacramento

"Managing Tomorrow's Water Today"

Sacramento County Stormwater Management Program 2008-2009 Work Plan

May 1, 2008

Introduction

The County of Sacramento, along with the cities of Sacramento, Citrus Heights, Galt, Elk Grove, Folsom and Rancho Cordova (collectively known as the Sacramento Stormwater Quality Partnership), is subject to Waste Discharge Requirements Order No. R5-2002-0206 (National Pollutant Discharge Elimination System (NPDES) Permit No. CAS082597) (Municipal Stormwater Permit) issued by the Central Valley Regional Water Quality Control Board (Regional Water Board). The Municipal Stormwater Permit expired in December 2007, but has been administratively extended pending the adoption of the new NPDES Permit/Waste Discharge Requirements Order this summer.

This Annual Work Plan was prepared in accordance with Provisions C.3 and C.7.a of the current Municipal Stormwater Permit. It describes budget/funding information, proposed activities, and the associated schedule for the 2008-09 fiscal year (July 1, 2008 - June 30, 2009). This Work Plan continues implementation of the County's Stormwater Quality Improvement Plan (SQIP) as described in Chapter 4 of the Sacramento County/Small Cities' SQIP (as amended April 2004). The SQIP described the plan for complying with the Municipal Stormwater Permit.

The activities and budget described in this Work Plan are subject to change until the County's fiscal year budget is formally approved by the Board of Supervisors. The activities may be further revised after the new Municipal Stormwater Permit is adopted (anticipated July 2008 at the earliest) or after the SQIP is subsequently revised to reflect the new permit (anticipated six months after the effective date of the new permit; January 2009 at the earliest).

Fiscal Analysis

The primary source of funding for the County Department of Water Resources' stormwater management program budget is the Sacramento County Stormwater Utility. The Stormwater Utility is a monthly service fee authorized by Chapter 15.10 of the Sacramento County Code. The purpose of the funding, as stated in the code, is:

...for funding the operation and maintenance of the County storm drainage system in order that storm and surface waters may be properly drained and controlled so that health, safety and welfare of the County and its inhabitants may be safeguarded and protected.

This funding source is subject to Proposition 218 limitations that require voter approval of any increase in property-related fees.

The 2008/2009 work plan has been designed to focus anticipated available resources on meeting the requirements of the stormwater permit and to provide a means to track progress throughout the year. The approximate schedule for compliance activities has been equated to the resources anticipated to be available to the best degree possible. However, this should not be considered a guarantee that all designated activities will be started, completed, or continued as scheduled or planned. Priorities are subject to change based on events outside the County's control (e.g., responding to natural flooding disasters) and interest in specific program elements by the public and regulators. The Regional Board will be kept apprised of changing priorities, as needed.

Table 1 presents the County Department of Water Resources' approximate budget for implementation of the stormwater management program for the 2008/2009 fiscal year. The budget was structured to fund the program activities shown on the Work Plan Summary Tables. The County Stormwater Program Manager may make minor adjustments and modifications to the budget during the year, as the program evolves. The figures include funds for conducting stormwater services for Citrus Heights and Rancho Cordova, as shown in their separate work plans.

Table 1 represents a low estimate of the actual amount of money that will be spent by the County on stormwater pollution prevention for the 2008/2009 fiscal year. This is because the table does not include the costs borne by the County to conduct other activities which directly or indirectly improve stormwater quality, such as:

- Inspection and cleaning of the stormwater drainage system, including storm drain inlets, manhole sumps, pipes, culverts, channels (natural and manmade) and urban creeks.
- Street cleaning.
- Operation and management of programs for recyclable solid wastes, hazardous wastes, household hazardous wastes and industrial wastes.
- Plan checking and permitting services provided by a variety of departments to ensure that stormwater quality controls are included in plans and specifications for private and public projects, as applicable.
- Inspection and enforcement services provided by a variety of departments related to pollution prevention at construction sites, industrial facilities and food service establishments.

Table 1

Stormwater Management Program Budget for Fiscal Year 2008/2009

Description	Budget
Engineering Services (Consultant Contracts – Monitoring, Target Pollutant, New Development)	1,210,880
Direct Labor (WRD Stormwater Quality Section staff only)	1,958,000
Public Outreach Services	302,800
Business Environmental Resource Center	152,800
Other Professional Services (Water Wise, Clean Water Business Partnership, etc.)	598,940
Contributions to Other Agencies and Funds (Creek Week, Brake Pad Partnership, Effie Yeaw Nature Center, etc.)	309,500
Other Misc. Operating Expenses (Advertising, Print Services, etc.)	303,260
Total	\$4,836,180

Note: The budget for FY 08/09 has not been finalized. Figures shown above may be subject to change before the start of the fiscal year (July 1, 2008).

Proposed Sacramento County Activities and Schedule

Included with this Work Plan are seven tables showing Municipal Stormwater Permit requirements and associated implementation tasks and schedule for these program elements:

- Program Management
- Construction
- Commercial/Industrial
- Illicit Discharge
- Municipal Operations
- New Development
- Public Outreach

This work plan is based on the tasks identified in the Administrative Draft of the 2008 Permit, which was provided to the Partnership in February 2008. Due to the uncertainties, the information shown in the work plan tables is subject to change after the new permit is adopted (anticipated in August 2008) and the revised SQIP has been submitted (anticipated February 2009 at the earliest).

Proposed Joint Program Activities and Schedule

Some program activities will continue to be conducted jointly by all permittees in the Sacramento Stormwater Quality Partnership, with costs shared according to the Permittee Memorandum of Understanding. Leadership is provided by the City and County of Sacramento. For example, joint activities will be conducted related to these program elements:

- Monitoring/Special Studies
- Target Pollutant Reduction
- Regional Public Outreach

The proposed activities for the 2008-09 fiscal year in these categories are described in the *Joint Permittee 2008-2009 Work Plan*, being submitted under separate cover by the City of Sacramento.

**Sacramento County Stormwater Management Program
2008-09 Work Plan**

Program Management Element

2008–2009 Sacramento County Stormwater Program Work Plan: Program Management

Schedule Legend: ● Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Coordination								
<p>Within its jurisdiction, the County shall coordinate among County departments and agencies, as appropriate, to facilitate the implementation of the SQIP in an efficient and cost effective manner.</p>	<ul style="list-style-type: none"> Coordinate on a program element basis as described elsewhere in this table. Execute memorandums of understanding or other agreements as needed to define responsibilities, cost-sharing and work products. 	<ul style="list-style-type: none"> Confirmation - Describe coordination activities and provide copies of any inter-departmental agreements with ARs. 					→	
<p>Within its jurisdiction, the County shall participate in intra-agency coordination (e.g., Fire, Building Depts) necessary to successfully implement the provisions of the stormwater permit and SQIP.</p>	<ul style="list-style-type: none"> Coordinate on a program element basis as described elsewhere in this table. Execute memorandums of understanding or other agreements as needed to define responsibilities, cost-sharing and work products. 	<ul style="list-style-type: none"> Confirmation - Describe coordination activities and provide copies of any intra-departmental agreements with ARs. 					→	
<p>Within its jurisdiction, the County shall coordinate with Phase 2 school districts as necessary.</p>	<ul style="list-style-type: none"> Coordinate on a program element basis with Phase 2 school districts as necessary. 	<ul style="list-style-type: none"> Confirmation - Describe coordination activities in AR. 					→	
<p>Memorandum of Understanding – Collaborate with other permittees to address common issues, promote consistency amongst SQIPs, coordinate resources and plan and coordinate permit-required activities. Jointly execute and submit to the Water Board with SQIP an updated MOU or other instrument of formal agreement, to provide a management structure for i) designation of joint responsibilities, ii) decision making and cost sharing, iii) information management of data and reports, iv) any and all other collaborative arrangements for compliance.</p>	<ul style="list-style-type: none"> Coordinate development of new MOU on behalf of all permittees and submit final MOU to Regional Board on with draft SQIP 6 months from effective date of 2008 Permit. 	<ul style="list-style-type: none"> Confirmation - Submit final copy of MOU with SQIP (assume January, 2009 at earliest). 	●					
Stormwater Quality Improvement Plan (SQIP)								
<p>Within its jurisdiction, the County shall comply with the requirements of the stormwater permit and Stormwater Quality Improvement Plan (SQIP), including any Regional Board-approved modifications to either document.</p>	<ul style="list-style-type: none"> Use this table format in Annual Work Plans, SQIP and Annual Reports to track and verify permit compliance at all times. 	<ul style="list-style-type: none"> Confirmation - Complete tasks in permit and SQIP. 					→	
<p>Review and modify the SQIP to address the requirements of the stormwater permit (anticipated adoption date is August 2008) and submit the revised SQIP 6 months from the effective date for public review and comment, and Water Board approval. Implement or require performance standards and BMPs in SQIP to ensure that pollutant discharges from the County's MS4 are reduced to the MEP. The SQIP shall include all items identified throughout the stormwater permit.</p>	<ul style="list-style-type: none"> Collaborate with other permittees and various County departments to modify the SQIP. Submit to Water Board as draft final 6 months from effective date of 2008 Permit. 	<ul style="list-style-type: none"> Confirmation - Revise SQIP and submit draft final to Water Board (assume January, 2009 at earliest). 	●					
	<ul style="list-style-type: none"> Revise SQIP if needed based on Water Board's 30-day public review process. Submit final to Water Board. 	<ul style="list-style-type: none"> Confirmation - Revise SQIP and submit final to Water Board. 	◆					

Note: Information in this table is subject to change as the fiscal year progresses and when the 2008 Permit is adopted. Changes will be indicated in Annual Report for this fiscal year (October 1).

2008–2009 Sacramento County Stormwater Program Work Plan: Program Management

Schedule Legend: ● Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
<p>SQIP Implementation – commence full implementation of all SQIP requirements and the stormwater permit upon approval of the modified SQIP by the Water Board.</p>	<ul style="list-style-type: none"> • Commence full implementation of all SQIP requirements. 	<ul style="list-style-type: none"> • Confirmation - Report progress of SQIP implementation in ARs (October 1 each year, beginning October 2009). 	●					→
<p>SQIP Modification – The SQIP may need to be modified from time to time to respond to a change in conditions and to incorporate more effective approaches. Proposed SQIP revisions will be incorporated in the Annual Reports. Significant revisions shall be brought before the Regional Board for approval; minor revisions may be approved by Exec Officer following a 30-day public process period.</p>	<ul style="list-style-type: none"> • Propose SQIP modifications if needed in ARs. 	<ul style="list-style-type: none"> • Confirmation - Submit proposed SQIP modifications (if needed) with ARs on October 1 each year, beginning October 2009. 		●	●	●	●	
Fiscal Analysis								
<p>Secure the resources necessary to meet the requirements of the stormwater permit. In order to demonstrate sufficient financial resources to implement the conditions of this permit, include the following in the Annual Work Plan:</p> <p>a. Annual budget summary applied toward implementing the SQIP. Identify the stormwater budget for the coming fiscal year using estimated percentages for program management, including admin costs and program implementation. Where information is available, provide an estimated percent breakdown of expenditures for the various program elements and tasks within those elements.</p> <p>b. Description of the source(s) of funds for the above budget, including any legal restrictions on the use of the funds.</p>	<ul style="list-style-type: none"> • Prepare the annual budget and describe the source(s) of the funds and restrictions on use of the funds. 	<ul style="list-style-type: none"> • Confirmation - Provide in Work Plans submitted to the Water Board on May 1 each year. 	●	●	●	●	●	
Legal Authority								
<p>Establish, maintain and enforce adequate legal authority to control pollutant discharges from the MS4 through ordinance, statute, permit, contract or similar means. This legal authority must, at a minimum, authorize the County to:</p> <p>a. Control the contribution of pollutants in discharges of runoff associated with industrial and commercial activities to the County MS4. Grading ordinances shall be upgraded and enforced to comply with this stormwater permit;</p> <p>b. Prohibit unauthorized non-stormwater discharges where pollutants have not been reduced to the MEP, including those discharges listed in the permit.</p> <p>c. Prohibit and eliminate illicit connections to the County MS4;</p> <p>d. Prohibit the discharge of spills, dumping, or disposal of materials other than stormwater to the County MS4;</p>	<p><i>Note that most of the legal authority required is currently provided to the County via the County's Stormwater Ordinance, County Code 15.12, adopted in 1998 and revised in 2004.</i></p>							

Note: Information in this table is subject to change as the fiscal year progresses and when the 2008 Permit is adopted. Changes will be indicated in Annual Report for this fiscal year (October 1).

2008–2009 Sacramento County Stormwater Program Work Plan: Program Management

Schedule Legend: ● Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
<p>e. Use enforcement mechanisms, including monetary fines, to obtain compliance with County stormwater ordinances, permits, contracts and orders;</p> <p>f. Control the contribution of pollutants from one portion of the shared MS4 to another through interagency agreements among permittees and other applicable agencies;</p> <p>g. Carry out all inspections, surveillance, and monitoring necessary to determine compliance with local ordinances and permits. The County must have the authority to enter, sample, inspect, review and copy records and require regular reports from facilities and sites discharging to the County MS4.</p> <p>h. Require the use of BMPs to prevent or reduce the discharge of pollutants;</p> <p>i. Require that treatment control BMPs be properly operated and maintained.</p>								
<p>Amend existing County Stormwater Ordinance as needed, to enforce all requirements of the stormwater permit as soon as practicable.</p>	<ul style="list-style-type: none"> • Compare County Stormwater Ordinance (County Code 15.12) to list of requirements in 2008 Permit and make recommendations for revisions as warranted to increase County legal authority. • Arrange for County Board of Supervisors to adopt any necessary Stormwater Ordinance revisions. 	<ul style="list-style-type: none"> • Confirmation - Revise ordinance as needed and submit with AR. • Confirmation - Provide information in AR. 		◆				
<p>Provide to the Regional Board a statement certified by Chief County Counsel that the County has adequate legal authority to implement and enforce the stormwater regulations (40 CFR 122.26d.2.i.A-F) and the stormwater permit, including any modifications in effect when the certified statement is provided. Include the statement in the modified SQIP with the following components:</p> <p>a. Citation of County Stormwater Ordinance and reason ordinance is enforceable;</p> <p>b. Identification of local administrative and legal procedures to mandate compliance with County Stormwater Ordinance.</p> <p>c. Description of how County ordinances are implemented and how enforcement actions may be appealed;</p> <p>d. Description of whether the County can issue administrative orders and injunctions or if the court system will determine the enforcement actions.</p>	<ul style="list-style-type: none"> • Prepare the required statement certified by Chief legal counsel in the SQIP. 	<ul style="list-style-type: none"> • Confirmation - Provide legal statement in SQIP to be submitted 6 months after effective date of 2008 Permit (assume January, 2009 at earliest). 	●					

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2008–2009 Sacramento County Stormwater Program Work Plan: Program Management

Schedule Legend: ● Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Annual Work Plan								
<p>Annual Work Plan (May 1 each year) - provide the proposed activities for the upcoming fiscal year. Include a proposed joint permittee annual monitoring plan that includes clearly defined tasks, responsibilities and schedules for the coming fiscal year. The Annual monitoring Plan shall be deemed to be final and enforceable under the stormwater permit as of July 1 of each year unless determined to be unacceptable by the Regional Board Executive Officer.</p>	<ul style="list-style-type: none"> • Develop annual Work Plans each year in coordination with the County's budgeting and fiscal year planning process. Each permittee will submit separately, and the joint program activities such as monitoring, will be described in a joint permittee work plan. 	<ul style="list-style-type: none"> • Confirmation - Submit Work Plan for coming fiscal year by May 1 of preceding year. 	●	●	●	●	●	
Annual Report								
<p>Annual Report (October 1 each year) – submit in both electronic and paper formats.</p> <p>Document the progress of the permittees' implementation of the SQIP and the requirements of the stormwater permit. Discuss each permittee's status of permit compliance and SQIP compliance, including a compilation of deliverables and milestones completed during the previous fiscal year, and a discussion of program effectiveness relative to performance standards defined in the SQIPs. In each AR, the County may propose pertinent updates, improvements or revisions to the SQIPs, which shall be compiled under this permit unless disapproved by the Executive Officer.</p> <p>Include all components in the ARs listed in the stormwater permit, including an annual program effectiveness assessment.</p>	<ul style="list-style-type: none"> • Prepare Annual Reports using approved reporting forms. • Revise standard reporting form for consistency with 2008 Permit and revised SQIP; submit with revised SQIP, 6 months after effective date of permit. 	<ul style="list-style-type: none"> • Confirmation - Submit standardized AR on October 1 each year. • Confirmation - Submit revised reporting form with SQIP, 6 months after effective date of permit. 	●	●	●	●	●	
Stormwater Training Program								
<p>Continue to provide annual training for County employees in targeted positions regarding the requirements of the stormwater permit that affect their jobs.</p>	<ul style="list-style-type: none"> • Implement training plan for targeted County departments/groups. Make modifications to this plan as necessary. Track training using database. • Develop and revise training materials as necessary. • Using surveys from training events, track program effectiveness by measuring increased knowledge from events. Make changes to program as needed to improve effectiveness. 	<ul style="list-style-type: none"> • Confirmation - Describe training accomplishments in AR. • Confirmation - Describe training material modifications in AR. • Confirmation, Tabulation - Describe training survey results in AR, measure increased awareness, and describe modifications made to program to improve effectiveness. 						→

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2008–2009 Sacramento County Stormwater Program Work Plan: Program Management

Schedule Legend: ● Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule Anticipated Permit Term						
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	
Program Effectiveness Assessment									
<p>The Permittees shall describe their approach to program effectiveness assessment in their SQIPS and report the results of the assessment in their Annual Reports. The assessment shall identify the direct and indirect measurements that the Permittees used to track the effectiveness of their programs as well as the outcome levels at which the assessment is occurring consistent with the Permit.</p>	<ul style="list-style-type: none"> • Develop Program Effectiveness methodology in SQIP based on the CASQA "Municipal Stormwater Program Effectiveness Assessment Guidance." • Track program effectiveness on a program element basis by evaluating element activities using defined effectiveness methodology. • Track overall program effectiveness using defined effectiveness methodology. 	<ul style="list-style-type: none"> • Confirmation - Describe program effectiveness methodology in revised SQIP. • Confirmation - Describe effectiveness of element and associated tasks in each section of AR. • Confirmation - Describe effectiveness of overall program in AR. 	◆						
				●	●	●	●		
				●	●	●	●		

Note: Information in this table is subject to change as the fiscal year progresses and when the 2008 Permit is adopted. Changes will be indicated in Annual Report for this fiscal year (October 1).

**Sacramento County Stormwater Management Program
2008-09 Work Plan**

Construction Element

2008–2009 Sacramento County Stormwater Program Work Plan: Construction Element

Schedule Legend: • Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Legal Authority								
Establish and maintain legal authority to control pollutants from construction activities in order to protect the storm drain system and receiving waters. Update authority as needed to reflect changing requirements in State Construction General Permit (anticipated fall 2008).	<ul style="list-style-type: none"> Continue to use County Stormwater Ordinance and Land Grading and Erosion Control Ordinance as legal authority. 	<ul style="list-style-type: none"> Confirmation - Document activities and provide copies of amended ordinances in Annual Reports. 						
Standards and Guidance								
Establish and maintain standards and guidelines to describe requirements for controlling pollutants from construction activities in order to protect the storm drain system and receiving waters. Update standards and guidelines as needed to reflect changing requirements in State Construction General Permit (anticipated fall 2008).	<ul style="list-style-type: none"> Continue to require construction projects in the County to comply with the County Improvement Standards and Standard Construction Specifications. 	<ul style="list-style-type: none"> Confirmation - Document activities and provide copies of amended standards and guidelines in Annual Reports. <i>(Note: target date shown is anticipated date for amendments; prior to 2009-10 wet season)</i> 		◆				
Tracking System								
Establish and maintain a tracking system for plan review, permitting, inspections and enforcement.	<ul style="list-style-type: none"> Use database to identify and track repeat violators (repeat violators and projects may be "listed" as a high risk to water quality and be subject to increased inspection frequency); update database as needed. 	<ul style="list-style-type: none"> Confirmation - describe tracking system in Annual Reports; provide copy as requested. 						
Plan Review and Permitting								
Prior to issuing a grading permit for a given construction site, require submittal of a Erosion and Sediment Control (ESC) Plan to meet permitting agency requirements. <i>(Note: this is necessary because agency inspectors do not have authority to enforce State Construction General Permit, described below)</i>	<ul style="list-style-type: none"> Require ESC plan and review for conformance with County ordinances and standards prior to issuing grading permit. 	<ul style="list-style-type: none"> Tabulation - Track number of grading permits issued and associated ESC plans reviewed. 						
Prior to issuing a grading permit for a given construction site, require proof that coverage under the General Construction Permit has been obtained, if applicable, and that the SWPPP prepared for the project contains the minimum six items specified in the Stormwater Permit	<ul style="list-style-type: none"> Continue to require a WDIID number or proof of an NOI submittal before a Grading Permit will be issued for a project in the County of Sacramento. 	<ul style="list-style-type: none"> Tabulation - Track number of plans reviewed, number of grading permits issued, and the number of projects with proof of NOI when required. 						
	<ul style="list-style-type: none"> Continue to require submittal of a SWPPP at the time of Grading Plan submittal for a project in the County. Use County checklist to review SWPPPs for projects and update checklist as needed. 	<ul style="list-style-type: none"> Confirmation/Tabulation - Document checklist completion for SWPPP's in project file and track number of projects with completed checklists. 						
Require adherence to other state and federal environmental regulations as a condition of maintaining active grading permit status.	<ul style="list-style-type: none"> Suspend the grading permit if it is determined that appropriate environmental permits (e.g., DFG 1600, USACE 404, 401 Cert) have not been obtained or have been lost during a project. 	<ul style="list-style-type: none"> Confirmation - report in AR. 						

Note: Information in this table is subject to change as the fiscal year progresses and when the 2008 Permit is adopted. Changes will be indicated in Annual Report for this fiscal year (October 1).

2008–2009 Sacramento County Stormwater Program Work Plan: Construction Element

Schedule Legend: • Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Inspections								
Establish and implement a system to prioritize the inspections of construction sites.	<ul style="list-style-type: none"> • Create and maintain a list of construction sites rated as a high or moderate threat to water quality. Use list to prioritize inspections. 	<ul style="list-style-type: none"> • Tabulation - Track number of sites ranked high or moderate priority; document results in AR. 	◆					→
Inspect sites at higher frequency during wet season than during dry season.	<ul style="list-style-type: none"> • Inspect high priority sites 2/month and moderate priority sites monthly during wet season. Inspect all sites monthly during dry season. 	<ul style="list-style-type: none"> • Tabulation - Track number of sites inspected; document results in AR. 	◆					→
Ensure that the following minimum requirements are effectively implemented at construction sites: a) retain sediments using adequate source control BMPs, b) retain construction-related materials and wastes, c) contain non-stormwater runoff at the project site; and d) control erosion using an effective combination of BMPs.	<ul style="list-style-type: none"> • Maintain inspection records that document compliance with minimum requirements at each site inspected. 	<ul style="list-style-type: none"> • Confirmation/Inspections - Verify site compliance with ordinances and standards; document results in AR. 	◆					→
Notify the Regional Water Board of chronic violations of stormwater ordinance at a given construction site, and/or suspected violations of State Construction General Permit.	<ul style="list-style-type: none"> • Refer chronic violations and suspected General Permit non-filers/noncompliance to Regional Water Board. 	<ul style="list-style-type: none"> • Tabulation - Track number of sites referred to Regional Water Board; document in AR. 	◆					→
Enforcement								
Use legal authority to promptly and effectively enforce the stormwater and land grading and erosion control ordinances to correct any violations observed during inspections.	<ul style="list-style-type: none"> • Continue to implement County Enforcement Policy (developed in 2003) to enforce the ordinances and standards on construction projects. • Inspectors will issue Notices of Correction and Notices of Violation to correct violations. 	<ul style="list-style-type: none"> • Confirmation - provide copies of amended policy in AR as available. • Tabulation - Track the numbers and types of enforcement actions; report results in AR. 	◆					→

Note: Information in this table is subject to change as the fiscal year progresses and when the 2008 Permit is adopted. Changes will be indicated in Annual Report for this fiscal year (October 1).

2008–2009 Sacramento County Stormwater Program Work Plan: Construction Element

Schedule Legend: • Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Employee Training								
Provide annual training for employees in targeted positions (whose jobs or activities are engaged in construction activities including construction inspection staff) regarding the requirements of the Stormwater Permit.	<ul style="list-style-type: none"> Train County staff, in all affected departments, that are involved in design, construction, inspection, plan checking, or permitting for public and private projects in the County. Targeted staff include: plan checkers, inspectors, design engineers, and project managers. 	<ul style="list-style-type: none"> Confirmation/Surveys/Inspections - Document the number, dates, and who attended training sessions; assess increased awareness through post-training surveys; verify changed behaviors through site inspections. Report results in AR. 					→	
	<ul style="list-style-type: none"> Conduct project specific training for any City-owned construction projects. Targeted staff include: Project Managers, inspectors and contractors. 	<ul style="list-style-type: none"> See above. 					→	
Construction Community Training/Outreach								
Develop, maintain and distribute outreach and compliance materials for the construction community.	<ul style="list-style-type: none"> Prepare and update outreach material and compliance information; provide to permit applicants at permit counters and through training workshops. 	<ul style="list-style-type: none"> Confirmation/Tabulation - Report types of information and material distributed and method of distribution. 					→	
Partner with other permittees and organizations to offer training to the construction community, including pre-wet season workshops.	<ul style="list-style-type: none"> Provide training to the construction community on the design, implementation and maintenance of BMP's to comply with agency ordinances and standards. 	<ul style="list-style-type: none"> Confirmation/Tabulation/Surveys - Document numbers of workshops and attendees; track increased awareness through post-training surveys; verify changed behaviors/improved compliance through site inspections. 					→	
Interdepartmental Coordination and Agreement								
Enter into agreement(s) with other departments/entities charged with compliance of the construction element provisions of the Stormwater Permit. The agreement(s) shall describe policies and procedures and departmental roles/responsibilities.	<ul style="list-style-type: none"> Develop agreement(s). <i>(Target date assumes agreement(s) in place before 2009-10 wet season)</i> 	<ul style="list-style-type: none"> Confirmation - Submit copy of agreement in Oct 1, 2009 AR. 		◆				
	<ul style="list-style-type: none"> Maintain agreements and amend as needed. 	<ul style="list-style-type: none"> Confirmation - Submit copy of amendments in AR as available. 					→	
Effectiveness Assessment								
Conduct assessment as part of annual reporting process to determine the effectiveness of construction element activities and identify any necessary modifications.	<ul style="list-style-type: none"> Conduct assessment as specified in SQIP, using guidance in CASQA Program Effectiveness Assessment guidance manual. 	<ul style="list-style-type: none"> Document assessment results in ARs. 	◆	◆	◆	◆	◆	

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**Sacramento County Stormwater Management Program
2008-09 Work Plan**

Commercial/Industrial Element

2008–2009 Sacramento County Stormwater Program Work Plan: Commercial/Industrial Element

Schedule Legend: ♦ Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Legal Authority								
Stormwater Ordinance	<ul style="list-style-type: none"> Adopt revisions as needed 	<ul style="list-style-type: none"> Confirmation - report revisions in Annual Report (AR) 						
Identify Priority Industries								
Maintain list of Priority Industries - CISCIP Inspection	<ul style="list-style-type: none"> Refine list as needed based on evaluation of enforcement-related data 	<ul style="list-style-type: none"> Confirmation - report revisions in AR 						
Maintain list of Priority Industries - Outreach	<ul style="list-style-type: none"> Refine list as needed based on evaluation of enforcement-related data 	<ul style="list-style-type: none"> Confirmation - report revisions in AR 						
Commercial and Industrial Stormwater Compliance Program (CISCIP) – EMD								
Develop CISCIP	<ul style="list-style-type: none"> Modify/enhance existing program as needed 	<ul style="list-style-type: none"> Confirmation – report program/ordinance revisions in AR 						
Develop enforcement policy	<ul style="list-style-type: none"> Revise policy as needed 	<ul style="list-style-type: none"> Confirmation - report revisions in AR 						
Conduct CISCIP inspections	<ul style="list-style-type: none"> Inspect priority industries included in program at least once every 3 years 	<ul style="list-style-type: none"> Confirmation - report on completion of next cycle, 2007-10 		◆				◆
	<ul style="list-style-type: none"> Decrease in number of significant violations observed between 3 year inspection cycles 	<ul style="list-style-type: none"> Tabulation – track number of violations observed and inspections conducted. Compile and review on triennial basis. 					◆	
	<ul style="list-style-type: none"> Decrease in follow-up inspections required 	<ul style="list-style-type: none"> Tabulation – track the percentage of follow-up inspections conducted. Compile and review on triennial basis. 					◆	
De-list facilities with no exposure of pollutants to stormwater	<ul style="list-style-type: none"> Document/quantify facilities de-listed 	<ul style="list-style-type: none"> Tabulation – track number of industries de-listed due to no exposure 	◆	◆	◆	◆	◆	◆
Conduct enforcement (incl. warnings, NOVs, Cease and Desist Orders, ACPs, and Cost Recoveries)	<ul style="list-style-type: none"> Decrease in enforcement actions (anticipated after completion of second 3 year inspection cycle) 	<ul style="list-style-type: none"> Tabulation – track number of enforcement actions issued and inspections conducted 					◆	
Produce/distribute educational materials	<ul style="list-style-type: none"> Document/quantify materials distributed 	<ul style="list-style-type: none"> Tabulation - track number of revised/new materials; number materials distributed 	◆	◆	◆	◆	◆	◆
Outside Training	<ul style="list-style-type: none"> Conduct workshops, upon request, for the regulated community 	<ul style="list-style-type: none"> Tabulation - track number workshops held, number people reached 	◆	◆	◆	◆	◆	◆
County Employee Training	<ul style="list-style-type: none"> Provide training to new CISCIP inspectors 	<ul style="list-style-type: none"> Tabulation - track number people reached 	◆	◆	◆	◆	◆	◆
	<ul style="list-style-type: none"> Conduct quality control reviews of stormwater compliance inspection forms 	<ul style="list-style-type: none"> Tabulation – track percentage of inspection forms reviews for quality control purposes 	◆	◆	◆	◆	◆	◆
	<ul style="list-style-type: none"> Decrease in the number of inspectors requiring supplemental training as a result of quality control reviews of inspection forms 	<ul style="list-style-type: none"> Tabulation - track number people requiring supplemental training (not including periodic refresher training) 					◆	
Create/Maintain CISCIP database (EMD) to track facility inventory, inspections, enforcement and outreach materials distributed (facilities included to be based on list of priority industries)	<ul style="list-style-type: none"> Update annually, modify/enhance as needed 	<ul style="list-style-type: none"> Confirmation - include updated list in AR 	◆	◆	◆	◆	◆	◆
	<ul style="list-style-type: none"> Use data as tool to identify business categories that need not be included in the CISCIP 	<ul style="list-style-type: none"> Confirmation/Tabulation – evaluate data to identify whether to add or remove business categories to CISCIP or Educational Outreach 					◆	

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2008–2009 Sacramento County Stormwater Program Work Plan: Commercial/Industrial Element

Schedule Legend: ♦ Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Refer significant violations to the Regional Water Board	<ul style="list-style-type: none"> Document/quantify significant violations reported to Regional Water Board 	<ul style="list-style-type: none"> Tabulation – Track number of significant violations reported 	◆	◆	◆	◆	◆	
Refer Industrial General Permit non-filers to the Regional Water Board	<ul style="list-style-type: none"> Document/quantify potential non-filers referred to Regional Water Board Increase in percentage of non-filers referred to Regional Water Board filing NOIs 	<ul style="list-style-type: none"> Tabulation – Track number of non-filers referred Tabulation – Track percentage of non-filers referred that gained coverage 	◆	◆	◆	◆	◆	
Initiate investigation of Regional Water Board referrals within 3 days of receipt	<ul style="list-style-type: none"> Document/quantify investigations of Regional Water Board referrals 	<ul style="list-style-type: none"> Tabulation – Track number of Regional Water Board referrals investigated 	◆	◆	◆	◆	◆	
Provide enforcement support to Regional Water Board related to, including providing staff for joint inspections when available and appropriate	<ul style="list-style-type: none"> Document/quantify support efforts 	<ul style="list-style-type: none"> Tabulation – Track number of cases where support was provided to the Regional Water Board 	◆	◆	◆	◆	◆	
Complaint-Based Stormwater Compliance Program (CBSCP) – County DWR/Stormwater Section								
Develop enforcement policy	<ul style="list-style-type: none"> Revise policy as needed 	<ul style="list-style-type: none"> Confirmation - report revisions in AR 						→
Conduct enforcement (incl. warnings, NOVs, Cease and Desist Orders, ACPs, and Cost Recoveries)	<ul style="list-style-type: none"> Decrease in enforcement actions 	<ul style="list-style-type: none"> Tabulation – track number of enforcement actions issued 					◆	→
Distribute educational materials	<ul style="list-style-type: none"> Document/Quantify materials 	<ul style="list-style-type: none"> Tabulation – Track number of brochures distributed 	◆	◆	◆	◆	◆	
Outside Training	<ul style="list-style-type: none"> Conduct workshops, upon request, for the regulated community 	<ul style="list-style-type: none"> Tabulation - track number workshops held, number people reached in AR 	◆	◆	◆	◆	◆	
Create/Maintain CBSCP database to track inspections, enforcement and outreach materials distributed	<ul style="list-style-type: none"> Use data as tool for program enhancement, modify/enhance as needed 	<ul style="list-style-type: none"> Confirmation/Tabulation – evaluate data to identify whether to add or remove new business categories to CISCOP or Educational Outreach 					◆	→
Refer significant violations to the Regional Water Board	<ul style="list-style-type: none"> Document/quantify significant violations reported to Regional Water Board 	<ul style="list-style-type: none"> Tabulation – Track number of significant violations reported 	◆	◆	◆	◆	◆	
Refer Industrial General Permit non-filers to the Regional Water Board	<ul style="list-style-type: none"> Document/quantify potential non-filers referred to Regional Water Board Increase in percentage of non-filers referred to Regional Water Board filing NOIs 	<ul style="list-style-type: none"> Tabulation – Track number of non-filers referred Tabulation – Track percentage of non-filers referred that gained coverage 	◆	◆	◆	◆	◆	
Initiate investigation of Regional Water Board referrals within 3 days of receipt	<ul style="list-style-type: none"> Document/quantify investigations of Regional Water Board referrals 	<ul style="list-style-type: none"> Tabulation – Track number of Regional Water Board referrals investigated 	◆	◆	◆	◆	◆	
Provide enforcement support to Regional Water Board related to, including providing staff for joint inspections when available and appropriate	<ul style="list-style-type: none"> Document/quantify support efforts 	<ul style="list-style-type: none"> Tabulation – Track number of cases where support was provided to the Regional Water Board 	◆	◆	◆	◆	◆	

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2008–2009 Sacramento County Stormwater Program Work Plan: Commercial/Industrial Element

Schedule Legend: ♦ Permit compliance date or deliverable; ♦ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Outreach								
Produce educational materials	<ul style="list-style-type: none"> • Document/Quantify materials produced 	<ul style="list-style-type: none"> • Tabulation - track number of revised/new materials; number materials distributed in AR 	♦	♦	♦	♦	♦	
Conduct Targeted Outreach	<ul style="list-style-type: none"> • Increased awareness of pollution prevention 	<ul style="list-style-type: none"> • Tabulation – Track number of businesses outreached 				♦	♦	
Create/Maintain business outreach database (based on list of priority industries)	<ul style="list-style-type: none"> • Update annually and modify/enhance as needed 	<ul style="list-style-type: none"> • Confirmation - include updated list in AR 	♦	♦	♦	♦	♦	
Clean Water Business Partner Program	<ul style="list-style-type: none"> • Increased participation in the CWBP 	<ul style="list-style-type: none"> • Tabulation – track percent of eligible businesses participating in CWBP (compare to no. businesses that could qualify, according to outreach database) 				♦	♦	

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**Sacramento County Stormwater Management Program
2008-09 Work Plan**

Municipal Operations Element

2008–2009 Sacramento County Stormwater Program Work Plan: Municipal Operations Element

Schedule Legend: ♦ Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Municipal Operations Program Element								
Illicit Discharge Response								
Respond quickly and appropriately if an illicit discharge threatens to enter or enters the storm drain system	<ul style="list-style-type: none"> Sacramento County Department of Transportation and Hazardous Materials Division will investigate illicit discharges suspected or known to be hazardous. 	<ul style="list-style-type: none"> Tabulation - Track number of responses conducted; refer to Illicit Discharge Element 	◆	◆	◆	◆	◆	
	<ul style="list-style-type: none"> Sacramento County Department of Water Resources Drainage Operations and Maintenance call truck staff will investigate non-hazardous illicit discharges. 	<ul style="list-style-type: none"> Tabulation - Track number of responses conducted; refer to Illicit Discharge Element 	◆	◆	◆	◆	◆	
New Development and Construction Requirements for Municipal Capital Improvement Projects								
Implement standards that require BMPs to reduce pollutants from Permittee owned development and construction projects as specified in the New Development and Construction Elements	<ul style="list-style-type: none"> Continue to implement the County's Development Standards requirements for public construction projects. Apply Construction Element requirements to County-owned construction sites, including obtaining coverage under the General Construction Permit, if applicable. 	<ul style="list-style-type: none"> Refer to New Development Element Refer to Construction Element 						→
Vehicle Maintenance and Material Storage Facility, and Corporation Yard Management								
Implement pollution prevention BMPs for public facilities (e.g., corporation yards, material storage facilities, and vehicle/equipment maintenance facilities) having the potential to discharge pollutants to the storm drain system	<ul style="list-style-type: none"> Implement public facility Storm Water Pollution Prevention Plans (SWPPPs) at required facilities not covered under the state General Permit . Evaluate public facility SWPPP implementation and adjust BMPs as needed 	<ul style="list-style-type: none"> Confirmation / Tabulation - Track number of facilities required to implement public facility SWPPPs; report annually in AR Confirmation / Tabulations - Track number of Municipal SWPPPs evaluated. 	◆	◆	◆	◆	◆	→
Landscape and Recreational Facilities Management								
Implement Integrated Pest Management (IPM) and pesticide storage usage, and disposal procedures as described in the Pesticide Plan	<ul style="list-style-type: none"> Implement County IPM Plan Continue to implement standardized protocols for routine and non-routine application of pesticides, herbicides (including pre-emergents), and fertilizers. 	<ul style="list-style-type: none"> Conformation - Track County groups participating in County IPM program Tabulation - Track the County groups that apply pesticides, herbicides and fertilizers in conformance with established protocols; report annually in AR. 						→
			◆	◆	◆	◆	◆	

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2008–2009 Sacramento County Stormwater Program Work Plan: Municipal Operations Element

Schedule Legend: • Permit compliance date or deliverable; ♦ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Storm Drain System Operation and Maintenance								
Maintain the storm drain system (e.g., drain inlets, ditches/channels, detention basins, sumps and pump stations) to remove debris accumulation and prevent flooding.	<ul style="list-style-type: none"> Decrease amount of sediment and associated pollutants discharged to surface waters 	<ul style="list-style-type: none"> Quantification - Track quantities of sediment removed during manhole and pump station maintenance; report annually in AR. 	♦	♦	♦	♦	♦	
	<ul style="list-style-type: none"> Decrease amount of sediment and associated pollutants discharged to surface waters 	<ul style="list-style-type: none"> Quantification - Track miles of lined and unlined open channels and number of associated drainage structures cleaned and inspected annually; track quantity of debris/vegetation/sediment removed; report annually in AR. 	♦	♦	♦	♦	♦	
	<ul style="list-style-type: none"> Continue to implement Detention Basin Maintenance Program 	<ul style="list-style-type: none"> Confirmation / Tabulation - Track number of water quality detention basins operated and maintained; report annually in AR. 	♦	♦	♦	♦	♦	
	<ul style="list-style-type: none"> Evaluate BMPs implemented during storm drain system maintenance activities. Develop and implement additional or improved BMPs as needed. 	<ul style="list-style-type: none"> Confirmation / Inspection - Track and verify number of activities evaluated and BMPs modified 						→
Storm Drain Inlet Labeling								
Ensure that storm drain inlets are properly and legibly marked to discourage illicit discharges into the storm drain system	<ul style="list-style-type: none"> Document number of storm drain inlets labeled or re-labeled by County crews 	<ul style="list-style-type: none"> Tabulation - Track the number of drain inlets marked each year; report annually in AR 	♦	♦	♦	♦	♦	
Streets and Roads Maintenance								
Conduct street sweeping activities	<ul style="list-style-type: none"> Decrease amount of sediment and associated pollutants discharged to surface waters 	<ul style="list-style-type: none"> Quantification - Track the number of curb miles swept and quantity of waste removed; report annually in ARs. 	♦	♦	♦	♦	♦	
Implement BMPs during street, road and bridge repairs.	<ul style="list-style-type: none"> Evaluate maintenance and repair activities to ensure permit compliance. Develop and implement additional or improved BMPs as needed. 	<ul style="list-style-type: none"> Confirmation / Inspection - Track number of activities evaluated and BMPs modified. 						→
Parking Facilities Management								
Maintain Permittee-owned parking facilities to minimize the build-up and discharge of pollutants to the storm drain system	<ul style="list-style-type: none"> Decrease amount of sediment and automotive related pollutants discharged to surface waters 	<ul style="list-style-type: none"> Confirmation / Tabulation - Track number of facilities maintained; report annually in AR. 	♦	♦	♦	♦	♦	

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2008–2009 Sacramento County Stormwater Program Work Plan: Municipal Operations Element

Schedule Legend: ♦ Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Non-Emergency Fire Fighting Flows Permittees having a fire protection agency within their jurisdictional control shall develop and implement a response plan to minimize the impact of fire fighting flows to the environment. BMPs must be implemented to reduce pollutants from non-emergency fire fighting flows (i.e., flows from controlled or practice blazes) identified by the Permittees to be significant sources of pollutants to waters of the State. The response plan and BMPs shall be updated as needed and submitted with the Annual Reports	<ul style="list-style-type: none"> • Minimize pollutants discharged to the storm drain system through established protocols. (Note: Applies only to Sacramento County Aircraft Rescue Fire Fighting) 	<ul style="list-style-type: none"> • Confirmation - Track evaluations performed and BMPs implemented. 					◆	
Emergency Procedures Repair essential public services and infrastructure in a manner that minimizes environmental damage in emergency situations such as earthquakes, fires, floods, landslides, or windstorms. BMPs shall be implemented to the extent that measures do not compromise public health and safety. After initial emergency response or emergency repair activities have been completed, each Permittee shall implement BMPs and programs as required by this Order.	<ul style="list-style-type: none"> • Stormwater staff will coordinate with affected County departments for identifying and developing emergency situation criteria during which exceptions to standard BMP procedures will be allowed. 	<ul style="list-style-type: none"> • Confirmation - Track the number of County departments that conduct emergency procedures 					◆	
Employee Training Provide regular internal training on applicable components of the SQIP	<ul style="list-style-type: none"> • Increase employee awareness of available BMPs and pollution prevention practices 	<ul style="list-style-type: none"> • Tabulation/Survey/Inspection - Track number of employees trained and increase in awareness and verify modified/improved behaviors/practices; report annually in AR. 	◆	◆	◆	◆	◆	
Program Element Effectiveness Assessment Conduct an assessment as a part of the annual reporting process to determine the effectiveness of the Program Element and identify any necessary modifications	<ul style="list-style-type: none"> • Stormwater staff will conduct compliance evaluations by collecting and reviewing records and data, evaluating public facility SWPPPs, and performing facility and activity evaluations. 	<ul style="list-style-type: none"> • Confirmation - Track educational/training efforts and facility/activity evaluations and modifications; report annually in AR 	◆	◆	◆	◆	◆	

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**Sacramento County Stormwater Management Program
2008-09 Work Plan**

Illicit Discharge Element

2008–2009 Sacramento County Stormwater Program Work Plan: Illicit Discharge Element

Schedule Legend: ♦ Permit compliance date or deliverable; ♦ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Illicit Discharge Detection and Elimination Program Element								
County shall implement an Illicit Discharge Detection and Elimination Program containing measures to identify, report and eliminate illicit discharges and connection. At a minimum the Illicit Discharge Detection and Elimination Program shall address:								
Legal Authority								
Stormwater Ordinance	• Adopt revisions as needed.	• Confirmation - Report in ARs.						→
Reporting of Illicit Discharges and Connections								
Maintain a public hotline for reporting of illicit discharges and connections	• Effectiveness assessment - Anticipate increase in number of reports from public.	• Tabulation - Track number of reports received through 875-RAIN and CUBS Nuisance Abatement.				→	♦	→
Maintain a hotline for County crews to report illicit discharges and connections and to facilitate stormwater staff investigation and enforcement support	• Effectiveness assessment - Anticipate decrease in number of reports from County crews.	• Tabulation - Track number of reports received from County crews through 874-4SWQ and other mechanisms.				→	♦	→
Screening for Illicit Connections								
Conduct ongoing field screening for illicit connections through routine maintenance activities performed by field crews	• Effectiveness assessment - Anticipate decrease in number of illicit connections detected by way of field screening.	• Confirmation/Tabulation - Include number of illicit connections detected by way of field screening activities in AR.				→	♦	→
Investigation								
Non-hazardous illicit discharge investigations	• Respond within 5 days of discovery or report.	• Confirmation/Tabulation - Include number of non-hazardous illicit discharge investigations conducted in AR.	♦	♦	♦	♦	♦	♦
Hazardous (or suspected of being hazardous) illicit discharge investigations	• Respond within 1 day of discovery or report.	• Confirmation/Tabulation - Include number of hazardous illicit discharge investigations in AR.	♦	♦	♦	♦	♦	♦
Illicit connection investigations	• Respond within 21 days of discovery or report.	• Confirmation/Tabulation - Include number of illicit connection investigations conducted in AR.	♦	♦	♦	♦	♦	♦
Suspected illicit discharge investigations prompted by dry weather monitoring data reviews	• Respond within 21 days of discovery or report.	• Confirmation/Tabulation - Include number of illicit discharge investigations conducted based on review of dry weather monitoring data conducted in AR.	♦	♦	♦	♦	♦	♦
Response, Containment and Cleanup								
Develop response, containment and cleanup procedures	• Revise procedures as needed.	• Confirmation - Report revisions in AR.						→
Response to non-hazardous illicit discharges	• Conducted by DWR - Drainage Maintenance	• Tabulation - Track number of non-hazardous illicit discharge responses.	♦	♦	♦	♦	♦	♦
Response to hazardous (or suspected of being hazardous) discharges	• Conducted by DOT - Hazmat Team	• Tabulation - Track number of hazardous illicit discharge responses.	♦	♦	♦	♦	♦	♦

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2008–2009 Sacramento County Stormwater Program Work Plan: Illicit Discharge Element

Schedule Legend: ♦ Permit compliance date or deliverable; ♦ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Enforcement								
Develop enforcement policy	• Revise policy as needed.	• Confirmation - Report revisions in AR.						
Conduct enforcement (e.g., warnings, NOVs, Cease and Desist Orders, ACPs and Cost Recoveries)	• Effectiveness assessment - Anticipate decrease in number of enforcement actions conducted.	• Tabulation - Track number of enforcement actions issued.						
Eliminate Illicit Connections	• Eliminate illicit connections detected within 180 days.	• Tabulation - Track number of illicit connections eliminated	♦	♦	♦	♦	♦	♦
Data Management								
Maintain CBSCP database to track inspections, enforcement and outreach materials distributed	• Use data as tool for documenting reports, inspections and enforcement.	• Confirmation - Report revisions in AR.						
Map the locations of identified illicit discharges and connections	• Use map to identify areas for targeted outreach and to assist in illicit discharge investigations, as appropriate.	• Confirmation - Submit map and describe its uses in AR.	♦	♦	♦	♦	♦	♦
Outreach								
Distribute educational materials	• Document/Quantify materials distributed.	• Tabulation - Track number of brochures distributed.	♦	♦	♦	♦	♦	♦
County Employee Training	• Provide training to field screening and illicit discharge response crews.	• Confirmation/Tabulation - Track number of workshops held, number of people reached.	♦	♦	♦	♦	♦	♦
Facillitate Appropriate Disposal of Hazardous Materials								
Maintain operation of the County's household hazardous waste drop-off centers	• Effectiveness assessment - Anticipate increase in the number of hazardous materials/wastes properly disposed of by public.	• Tabulation - Track number of brochures distributed.						

**Sacramento County Stormwater Management Program
2008-09 Work Plan**

Public Outreach Element

2008–2009 Sacramento County Stormwater Program Work Plan: Public Outreach

Schedule Legend: ♦ Permit compliance deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Public Outreach Element								
Public Participation								
<p>Encourage the public to actively participate in the implementation of the storm water program as well as the various outreach events</p>	<ul style="list-style-type: none"> • Promote stenciling and partner with volunteer groups that conduct stenciling. 	<ul style="list-style-type: none"> • Confirmation — Identify how volunteers were solicited • Tabulation — track # of storm drains marked by volunteers from year to year 			◆			
<p>Each Permittee shall incorporate a mechanism for public participation in the implementation of the SQIP (i.e., programs that engage the public in cleaning up creeks, removal of litter in river embankments, etc.)</p>	<ul style="list-style-type: none"> • Continue to coordinate with various County groups and departments to identify and prioritize areas for sign installation with language discouraging illegal dumping at selected high use public access points to creeks, channels and other relevant water bodies, particularly areas with a history of dumping problems as • Participate at public events throughout the year, such as Creek Week, Earth Day, the Salmon Festival, etc. Refer to Joint Public Outreach Program Workplan. 	<ul style="list-style-type: none"> • Tabulation — track and record sign location and number of signs installed, track changes in observed/reported dumping problems at newly-signed areas • Survey — identify change in awareness/behavior levels 			◆			→
	<ul style="list-style-type: none"> • Continue to partner with Quasi-governmental agencies and districts (e.g., educational institutions, water districts, and sanitation districts) such as Regional Sanitation District and Regional Water Authority. Refer to Joint Public Outreach Program Workplan. 							
Hotline								
<p>Promote the use of the 24-hour public education and illicit discharge reporting hotline</p>	<ul style="list-style-type: none"> • Continue to use the 875-RAIN Hotline for receiving public complaints about stormwater-related problems, such as those listed in stormwater permit. Publicize the hotline in new telephone books and various Stormwater Program educational materials (e.g., brochures, PSAs). • Partner with the Sacramento Stormwater Quality Program for a universal Hot-Line, 808-4H20, that can be used on Stormwater Program educational materials (e.g., brochures, fact sheets). 	<ul style="list-style-type: none"> • Tabulation — track # of calls • Survey — identify change in awareness/behavior levels • Tabulation — track # of calls • Survey — identify change in awareness/behavior levels 						→
								◆

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2008–2009 Sacramento County Stormwater Program Work Plan: Public Outreach

Schedule Legend: • Permit compliance deliverable; ♦ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule ← Anticipated Permit Term →					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Public Outreach Implementation								
Implement a public outreach strategy for the overall program that includes developing and distributing materials, conducting a mixed media campaign, participating in community outreach events, and conducting public opinion surveys to gauge the level of awareness and behavior change within a community and/or target audience	<ul style="list-style-type: none"> • “How To” instructional material distributed in a targeted and activity-related manner — Refer to joint Public Outreach Program Work Plan. 							
	<ul style="list-style-type: none"> • Advertising — Refer to joint Public Outreach Program Work Plan. 							
	<ul style="list-style-type: none"> • Media Relations — Refer to Joint Public Outreach Program Work Plan. 							
	<ul style="list-style-type: none"> • Public Service Announcements — Refer to Joint Public Outreach Program Work Plan. 							
	<ul style="list-style-type: none"> • Participate at public events throughout the year, such as Creek Week, Earth Day, the Salmon Festival, etc. — Refer to Joint Public Outreach Program Work Plan. 							
	<ul style="list-style-type: none"> • Public Opinion Surveys — Refer to Joint Public Outreach Program Work Plan. 							
	<ul style="list-style-type: none"> • Business, community association, and environmental organization tie-ins — Refer to Joint Public Outreach Program Work Plan. 							
	<ul style="list-style-type: none"> • Communities and businesses with primary languages other than English — Refer to joint Public Outreach Program Work Plan. 							
	<ul style="list-style-type: none"> • For residential communities, public outreach shall include the following activities: 							
	<ul style="list-style-type: none"> • Automobile repair and maintenance and washing — Refer to joint Public Outreach Program Work Plan 							
<ul style="list-style-type: none"> • Home and garden care and product use — Refer to joint Public Outreach Program Work Plan. 								
<ul style="list-style-type: none"> • Disposal of household hazardous waste (HHW) (e.g., paints and cleaning products) — Refer to Joint Public Outreach Program Work Plan. 								

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2008–2009 Sacramento County Stormwater Program Work Plan: Public Outreach

Schedule Legend: ♦ Permit compliance deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule							
			← Anticipated Permit Term →	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	
	<ul style="list-style-type: none"> Disposal of Pet Waste: 									
	<ul style="list-style-type: none"> Continue to coordinate with County Parks and Recreational Department to identify and prioritize parks for sign installation. 	<ul style="list-style-type: none"> Tabulation — track and record sign location and number of signs installed, track changes in observed/reported dumping problems at newly-signed areas Survey — identify change in awareness/behavior levels 							◆	
	<ul style="list-style-type: none"> Continue to sponsor the "Pups in the Park" Program. 	<ul style="list-style-type: none"> Tabulation — track and record sign location and number of signs installed, track changes in observed/reported dumping problems at newly-signed areas Survey — identify change in awareness/behavior levels 							◆	
	<ul style="list-style-type: none"> Continue to partner with selected park districts in the unincorporated area on a pet waste reduction program. Seek new partnership opportunities with other park districts to expand the program. 	<ul style="list-style-type: none"> Tabulation — track and record sign location and number of signs installed, track changes in observed/reported dumping problems at newly-signed areas. Confirmation — identify coordination efforts Survey — identify change in awareness/behavior levels 							◆	
	<ul style="list-style-type: none"> Continue the County's program to publicize and provide household collection service for green waste. 	<ul style="list-style-type: none"> Tabulation — identify # of materials distributed and identify modifications Survey — identify change in awareness/behavior levels 							◆	
Public School Education										
Coordinate with local school districts to deliver stormwater education messages to school children	<ul style="list-style-type: none"> Refer to Joint Public Outreach Program Work Plan. 									
Business Outreach										
Implement a business outreach program	<ul style="list-style-type: none"> Refer to Joint Public Outreach Program Work Plan. 									
Effectiveness Assessment										
Annually conduct an assessment as described in the SQIP to determine the effectiveness of the Program Element and identify any necessary modifications	<ul style="list-style-type: none"> Public outreach staff will measure awareness and behavioral changes and make necessary modifications to outreach efforts as appropriate 	Report results in Annual Report								

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**Sacramento County Stormwater Management Program
2008-09 Work Plan**

New Development Element

2008–2009 Sacramento County Stormwater Program Work Plan: New Development Element

Schedule Legend: • Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule						
			← Anticipated Permit Term →	FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
New Development Element									
Water Quality Planning and Design Principles									
Apply Development Standards requirements to all new development and significant redevelopment projects identified in the SQIP as "priority development projects" and require implementation of consistent water quality protection measures.	<ul style="list-style-type: none"> • Coordinate with Drainage Development and Planning to identify "priority development projects" using project review checklists. During the plan review process, condition these projects for storm water treatment according to the Development Standards. 	<ul style="list-style-type: none"> • Tabulation: Track and record number of projects conditioned. Provide information in Annual Reports. 							→
	<ul style="list-style-type: none"> • Incorporate latest selection matrix into plan review process and new Stormwater Quality Design Manual. 	<ul style="list-style-type: none"> • Tabulation: Track projects conditioned to include control measures using the control measure selection matrix. 		•					→
	<ul style="list-style-type: none"> • Evaluate control measures selection matrix periodically and update as needed. 	<ul style="list-style-type: none"> • Confirmation: Track updates as necessary. 							→
Low Impact Development Strategies									
Integrate Low Impact Development (LID) principles into design requirements for "Priority development projects".	<ul style="list-style-type: none"> • Revise development standards to require implementation of LID strategies in priority development projects. 	<ul style="list-style-type: none"> • Confirmation: Include revisions as part of the Stormwater Quality Design Manual. 			◆				
	<ul style="list-style-type: none"> • Require implementation of LID strategies in priority development projects. 	<ul style="list-style-type: none"> • Tabulation: Track projects conditioned to include LID measures and provide information in Annual Reports. 		•					→
Hydromodification Management Plan (HMP)									
Propose a Hydromodification Management Plan (HMP) to protect receiving waters from increased potential for erosion.	<ul style="list-style-type: none"> • Develop HMP work plan 6 months after effective date of order (January 2009). 	<ul style="list-style-type: none"> • Confirmation: include HMP work plan as part of the revised SQIP. 	◆						
	<ul style="list-style-type: none"> • Develop the HMP and submit to Regional Board for approval (1 Year after approval of HMP work plan). 	<ul style="list-style-type: none"> • Confirmation: Prepare HMP and submit to Regional Board by January 2010. 		•					→
	<ul style="list-style-type: none"> • Once the HMP is approved by the Regional Board, amend development standards to implement the HMP within 6 months of HMP 	<ul style="list-style-type: none"> • Confirmation: Include revisions as part of the Stormwater Quality Design Manual. 			◆				
	<ul style="list-style-type: none"> • Require development projects to start implementation of HMP and revised standards. 	<ul style="list-style-type: none"> • Tabulation and Confirmation: Track projects conditioned to include hydromodification management measures. 		•					→

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2008–2009 Sacramento County Stormwater Program Work Plan: New Development Element

Schedule Legend: • Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
General Plan Update								
Evaluate and amend, or update as necessary the General Plan to include watershed and storm water quality and quantity management considerations and policies when any of the elements mentioned in the permit are updated.	<ul style="list-style-type: none"> Update General Plan during the next scheduled General Plan update. Note: Update to Conservation Element expected Fall 2009. 	<ul style="list-style-type: none"> Add stormwater quality language as specified in Permit to General Plan documents. 						
	<ul style="list-style-type: none"> Provide the Regional Board with the draft amendment or revision when a listed General Plan element or the General Plan is noticed for comment. 	<ul style="list-style-type: none"> Confirmation: Include a copy of the updated General Plan applicable sections in the Annual Report. 	◆					
Maintenance Agreement and Transfer								
Require all developments subject to Development Standards and site specific plan requirements to provide verification of maintenance provisions for post-construction structural and treatment control BMPs.	<ul style="list-style-type: none"> Continue working with Drainage Development to implement the maintenance agreement program. 	<ul style="list-style-type: none"> Tabulation and Confirmation: Track maintenance agreements issued; summarize in annual reports. 						→
	<ul style="list-style-type: none"> Review and confirm that maintenance agreements are executed and require property owners/managers to submit annual self-certification documents. 	<ul style="list-style-type: none"> Tabulation and Confirmation: Track self certification documents; describe activities in annual reports. 						→
Mitigation Funding								
The County may propose a management framework, for endorsement by the Regional Water Board Executive Officer, to support regional or sub-regional solutions to storm water pollution	<ul style="list-style-type: none"> Work with Regional Board on a project specific basis to identify whether a given regional project meets the criteria identified in the permit to determine if a regional measure can be substituted in part or wholly for Development Standard requirements. 	<ul style="list-style-type: none"> Confirmation: Submit proposed Regional Mitigation projects to Regional Board for Executive Officer review/approval (if developed). 						
Waiver Program								
Propose a waiver program that would require any developers receiving waivers to transfer the savings in cost, as determined by the Permittee, to a storm water mitigation fund. Waivers shall be granted only when structural treatment BMP's are infeasible.	<ul style="list-style-type: none"> Develop criteria for waiver program and use of mitigation funds. 	<ul style="list-style-type: none"> Confirmation: Submit proposed waiver program to the Regional Board for approval. 			◆			
	<ul style="list-style-type: none"> Start implementation of waiver program once it is approved by the Regional Board. 	<ul style="list-style-type: none"> Tabulation: Track projects that apply for waiver and provide information in Annual Reports. 						→

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2008–2009 Sacramento County Stormwater Program Work Plan: New Development Element

Schedule Legend: • Permit compliance date or deliverable; ◆ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
California Environmental Quality Act (CEQA) Document Update								
Incorporate into CEQA process procedures for considering potential storm water quality impacts and provisions for appropriate mitigation when preparing and reviewing CEQA documents.	<ul style="list-style-type: none"> Condition projects through CEQA process for regional and on-site control measures as appropriate. 	<ul style="list-style-type: none"> Tabulation: Track projects conditioned; summarize in annual reports. 	→					→
Infiltration and Groundwater Protection								
Apply restrictions to the use of structural BMPs designed to primarily function as infiltration devices to protect groundwater quality.	<ul style="list-style-type: none"> Work with Drainage Development to enforce these restrictions as necessary in the plan review process. 	<ul style="list-style-type: none"> Tabulation: Track number of projects using infiltration. 	→					→
Targeted Employee Training								
Provide annual training to employees in targeted positions (whose jobs or activities are engaged in development planning), regarding the Permit requirements affecting development planning.	<ul style="list-style-type: none"> Conduct annual refresher training for affected staff. Note: this task is also described in Program Management Work Plan Table. 	<ul style="list-style-type: none"> Tabulation: Track meetings and number of attendees (see Program Management Work plan-Stormwater Training Program section). 	→					→
	<ul style="list-style-type: none"> Provide training and coordination to Rancho Cordova and CPACS as requested. 	<ul style="list-style-type: none"> Tabulation: Track meetings and number of attendees. 	→					→
Development Standards Outreach								
Make Development Standards available to developers as they are adopted/approved.	<ul style="list-style-type: none"> Concurrent with adoption of amended Development Standards, advertise the availability of the amended Development Standards to the development community. 	<ul style="list-style-type: none"> Tabulation: Track advertisements; number of presentations to/meetings with stakeholder groups; number of attendees/people reached. 	→					→
	<ul style="list-style-type: none"> Meet with development organizations (ASCE, CELSOC, etc.) to discuss Development Standards. 	<ul style="list-style-type: none"> Tabulation: Track advertisements; number of presentations to/meetings with stakeholder groups; number of attendees/people reached. 	→					→
	<ul style="list-style-type: none"> Update technical manuals as needed as part of Stormwater Quality Design Manual by date specified in the permit. 	<ul style="list-style-type: none"> Confirmation: Publish updated standards as part of the revised Stormwater Quality Design Manual and make available to the development 	→◆					
Conduct outreach to the development community to explain policies and requirements and be a technical resource.	<ul style="list-style-type: none"> Annually update stakeholder database. 	<ul style="list-style-type: none"> Tabulation: Track database updates. 	→					→
	<ul style="list-style-type: none"> Conduct workshops on low impact development techniques for planning and other affected county staff and development community 	<ul style="list-style-type: none"> Tabulation: Track meetings and number of people in attendance. 	→					→
	<ul style="list-style-type: none"> Coordinate with developers/engineers to discuss stormwater requirements for specific projects as necessary. 	<ul style="list-style-type: none"> Tabulation: Track meetings and decisions made at meetings. 	→					→
	<ul style="list-style-type: none"> Conduct informational sessions for targeted audience groups after adoption of development standards. 	<ul style="list-style-type: none"> Tabulation: Track meetings and number of people in attendance. 	→					→

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2008–2009 Sacramento County Stormwater Program Work Plan: New Development Element

Schedule Legend: • Permit compliance date or deliverable; ♦ Proposed activity/task completion date

Performance Standard/BMPs	Implementation Tasks	Evaluation Measures	Schedule					
			Anticipated Permit Term					
			FY 08/09	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14
Municipal Operations Element Coordination								
Assist the Municipal Operations Element by requiring stamping of storm drain inlets in all new developments (on-site source control measure).	<ul style="list-style-type: none"> • Continue to require stamps on all new storm drain inlets through the Improvement Standards. 	<ul style="list-style-type: none"> • Tabulation: Track number and locations of new stamped inlets. 					→	