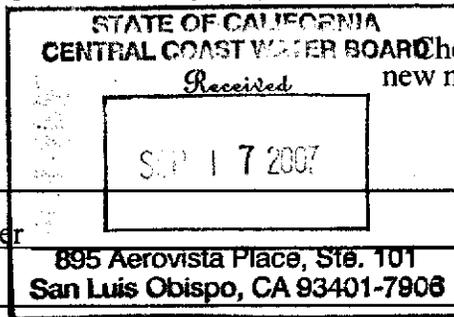


ANNUAL REPORT

General Permit for the Discharger of Storm Water from Small Municipal Separate Storm Sewer Systems (General Permit)

(See Small MS4 Annual Report Guidance for additional guidance on completing this Annual Report Form)



A. Permittee Information

1. Permittee (Agency Name): County of Santa Barbara
2. Contact Person: Robert Almy, Water Agency Manager
3. Mailing Address: 123 E. Anapamu St.
4. City, State and Zip Code: Santa Barbara, CA 93101
5. Contact Phone Number: (805) 568-3542
6. WDID # 42MS03024
7. Have any areas been added to the MS4 due to annexation or other legal means? YES NO
If YES

Outfall	Has map been updated?		Has SWMP been updated?		Receiving Water Name
	YES	NO	YES	NO	

8. Are you subject to the Design Standards contained in Attachment 4 of the General Permit? YES NO
If yes, report on the implementation of the Design Standards in section D.5 of this Annual Report Form (applicant's note: refer to attached report, Chapter 5.0 for Post-Construction Minimum Control Measure).

- B. Reporting Period** (check one): Coverage Commencement (to June 30, 2004 -or-
 July 1, 2004 to June 30, 2005
(Report is due by September 15 each year) July 1, 2005 to June 30, 2006
 July 1, 2006 to June 30, 2007
 July 1, 2007 to June 30, 2008

C. Executive Summary

The County's Storm Water Management Program outlines a comprehensive 5-year plan to establish and implement a number of Best Management Practices to help reduce the discharge of pollutants into waterways and to protect local water quality from impacts due to polluted storm water runoff within the unincorporated urban areas of Santa Barbara County. The program was approved by the Central Coast Regional Water Quality Control Board on July 7, 2006 and issued the NPDES Small Ms4 General Permit Order No. 2003-0005-DWQ

Waste Discharge Identification (WDID) No. 42MS03024. The five-year implementation schedule concludes June 30, 2011.

The attached report summarizes this first year of program implementation. The report is organized by Minimum Control Measure and provides status, effectiveness, proposed changes if any, and Year 2 planned activities for each measurable goal. At the beginning of each section is a summary of the BMPs and Measurable Goals from the original July 2006-approved Storm Water Management Program.

The effectiveness assessment of each measurable goal follows recent guidance from the California Stormwater Quality Association. The purpose of that guidance is to provide a more systematic approach to measuring the outcome of activities, program elements, or the overall program. In the CASQA approach, effectiveness of any particular outcome is represented as a gradation from activity-based to water quality-based outcomes. This gradation, or “levels of effectiveness”, is described below.

- Level 1: Compliance with Activity-based Permit Requirements: Was the element implemented in accordance with the Storm Water Management Program?
- Level 2: Changes in Attitudes, Knowledge, & Awareness: Did the element increase the knowledge and awareness of a target audience?
- Level 3: Behavioral Change & BMP Implementation: Did the element result in behavioral changes which results in implementation of recommended BMP?
- Level 4: Load Reductions: Did the element result in a decrease in pollutant loadings to the storm drain system?

The CASQA guidance sets additional levels 5 and 6 for receiving water improvements. In general, Levels 1 to 3 can be considered Implementation Outcomes, Levels 5 and 6 Water Quality Outcomes and Level 4 a combination of the two types. It should be noted that, while these levels are presented in sequence, efforts to address each are independent and ongoing. For example, increases in awareness and knowledge may continue to be assessed even as strategies are broadened to include load reduction estimates. Furthermore, not all are necessary or possible in every instance. For example, in many instances Level 2 or 3 Outcomes will be sufficient for evaluating the effectiveness of implementation of outreach or training programs.

The following summary lists all the measurable goals addressed in this report, their status, and whether modifications to the measurable goal are proposed.

**Summary of Measurable Goals:
Year 1 Implementation of Santa Barbara County Storm Water Management Program**

1.0 Public Education & Outreach		
Measurable Goal	Status	Proposed Modifications?
1.1.1	Year 5	No
1.2.1	Complete	Yes
1.2.2	Complete	Yes
1.3.1	Complete	No
1.3.2	Complete	No
1.3.3	Complete	No

1.0 Public Education & Outreach

Measurable Goal	Status	Proposed Modifications?
1.4.1	Complete	No
1.4.2	Complete	No
1.5.1	Complete	Yes
1.6.1	Complete	No
1.6.2	Complete	No
1.7.1	Complete	No
1.7.2	Complete	No
1.8.1	Complete	No
1.8.2	Complete	Yes
1.8.3	Complete	Yes
1.8.4	Complete	Yes
1.9.1	Complete	No
1.9.2	Complete	Yes
1.9.3	Complete	No
1.9.4	Complete	No
1.10.1	Complete	No
1.10.2	Complete	No
1.11.1	Complete	No
1.11.2	Complete	No
1.11.3	Complete	No
1.11.4	Complete	No
1.11.5	New	Yes
1.12.1	Complete	No
1.12.2	Complete	No
1.13.1	Complete	No
1.14.1	Complete	No
1.14.2	Complete	No
1.15.1	Year 3	No

2.0 Public Outreach & Involvement

Measurable Goal	Status	Proposed Modifications?
2.1.1	Complete	No
2.1.2	Complete	Yes
2.1.3	Complete	No
2.2.1	Complete	Yes
2.2.2	Complete	No
2.2.3	Complete	No
2.2.4	Complete	No
2.2.5	Complete	No
2.3.1	Complete	No
2.3.2	Complete	No
2.4.1	Complete	No
2.5.1	Complete	Yes
2.5.2	Complete	No
2.6.1	Complete	No
2.6.2	Complete	No

3.0 Illicit Discharge Detection & Elimination

Measurable Goal	Status	Proposed Modifications?
3.1.1	Complete	No
3.1.2	Complete	No
3.2.1	Complete	No
3.2.2	Year 2	No

3.0 Illicit Discharge Detection & Elimination

Measurable Goal	Status	Proposed Modifications?
3.3.1	Year 2	No
3.3.2	Years 2-5	No
3.4.1	Complete	No
3.4.2	Complete	No
3.4.3	Complete	No
3.5.1	Complete	No
3.5.2	Complete	No
3.5.3	Complete	No
3.5.4	Complete	No
3.5.5	Complete	No
3.6.1	Complete	No
3.6.2	Complete	No
3.7.1	Complete	No
3.7.2	Complete	No
3.8.1	Complete	No
3.8.2	Complete	No
3.8.3	Complete	No
3.8.4	Complete	No
3.9.1	Complete	No
3.10.1	Complete	No
3.10.2	Complete	No
3.10.3	Complete	No
3.10.4	Complete	No
3.11.1	Complete	No
3.11.2	Complete	No
3.11.3	Year 2	No
3.12.1	Year 2	No
3.12.2	Year 2	No
3.12.3	Year 3	No

4.0 Construction

Measurable Goal	Status	Proposed Modifications?
4.1.1	Complete	No
4.2.1	Year 2	No
4.2.2	Complete	No
4.3.1	Complete	No
4.4.1	Complete	No
4.4.2	Complete	No
4.4.3	Complete	No
4.4.4	Complete	No
4.4.5	Complete	No
4.4.6	Complete	No
4.5.1	Complete	No
4.6.1	Year 2	No
4.6.2	Year 3	No
4.7.1	Complete	No
4.7.2	Year 2	No
4.8.1	Year 2	No
4.8.2	Complete	No
4.8.3	Year 2	No

5.0 Post Construction

Measurable Goal	Status	Proposed Modifications?
5.1.1	Complete	No
5.2.1	Complete	No
5.3.1	Complete	No
5.3.2	Year 2	No
5.4.1	Complete	No
5.4.2	Complete	No
5.5.1	Complete	No
5.5.2	Year 2	No
5.5.3	Complete	No
5.6.1	Year 3	No
5.6.2	Year 4	No

6.0 Pollution Prevention and Good Housekeeping Practices for Municipal Operations

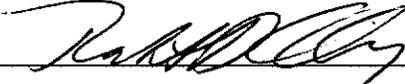
Measurable Goal	Status	Proposed Modifications?
6.1.1	Complete	No
6.2.1	Year 3	No
6.3.1	Complete	No
6.4.1	Complete	No
6.4.2	Year 2	No
6.4.3	Years 2,3 and 4	No
6.4.4	Year 2	No
6.4.5	Complete	No
6.5.1	Complete	Yes
6.5.2	Complete	No
6.5.3	Year 2	No
6.5.4	Year 2	No
6.6.1	Complete	Yes
6.6.2	Complete	Yes
6.7.1	Complete	No
6.8.1	Year 3	No
6.8.2	Year 3	No
6.9.1	Year 3	No
6.9.2	Year3	No
6.9.3	Year 3	No
6.9.4	Year 3	No

D. Minimum Control Measures

See attached report and appendices.

E. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

*9/14/07*

Signature of Permittee (legally responsible person) Date Signed

*Robert B. Almy**Water Agency Manager*

Name (printed) Title

1.0 PUBLIC EDUCATION AND OUTREACH

Introduction

The Public Education and Outreach portion of the Storm Water Management Program focuses on communicating consistent messages regarding storm water quality to a broad audience through the continuation of existing programs and the development and implementation of new programs. The BMPs implemented for this minimum control measure were intended to teach the public the importance of protecting storm water quality, both for the benefit of the environment and human health.

Although its effectiveness can be difficult to measure, public education is essential to achieving behavioral changes that can protect water quality. Because the SWMP focuses on non-point source pollution, the role of the individual in preventing this pollution is key. The BMPs selected for implementation educate community members about steps they can take both at work and at home to prevent and reduce water pollution.

Educational Programs for Children and Community Events were particularly influential on the overall success of this minimum control measure in Year 1. Both efforts reached a large number of permit area residents with information and allowed for face-to-face contact between the public and County staff and other educators.

Summary Table 1-1 : Public Education & Outreach (from Table 1-1 in County of Santa Barbara Storm Water Management Program)					
Year(s)	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
5	1.1 Public Opinion Survey	Survey performed in 2001.	Conduct survey in coordination with the County, to determine effectiveness of programs and future program direction.	1.1.1 Conduct public opinion survey in year 5.	County/regional partners
1 – 5	1.2 Brochures	Brochures and posters are available in Spanish and English.	Brochures provide information on how community members, including business owners and staff, can prevent storm water pollution.	1.2.1 Compile the number of brochures distributed. 1.2.2 Reach 15% of the brochure target population each year.	County

1.0 Public Education & Outreach

Year(s)	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 – 5	1.3 PCW Website	Website is established.	The website provides information on how community members can prevent storm water pollution and also provides data on water quality within the County.	1.3.1 Compile the number website hits annually. 1.3.2 Increase hits to the website by 10% per year. 1.3.3 Develop improvements to increase utility of website (i.e., increase usefulness, improved presentation, better communication, more minutes spent on website).	County
1 – 5	1.4 Community Events	The County currently sponsors Creek Week which includes a Kid's Creek Fest as well as a booth for Earth Day.	Public events can reach a wide audience in providing information on how to prevent storm water pollution.	1.4.1 Compile the number of events organized or attended with displays as well as the number of people who attended each event. 1.4.2 Reach 15% of the permit area population each year.	County
1 – 5	1.5 South Coast Watershed Resource Center	Center opened in fall 2001	The Center hosts exhibits, activities, field trips for school groups, summer camps, community meetings, volunteer coordination and a resource library.	1.5.1 Increase visitation 10% each year, with FY 03-04 as the base year	County/CEC
1 – 5	1.6 Educational Programs for children	Ongoing	Classroom presentations are available on request and annual training is held for the Mountains to the Sea watershed curriculum.	1.6.1 Educate 30% of school children (K-8) every two years. 1.6.2 Administer pre- and post presentation evaluations.	County
1 – 5	1.7 Storm drain marking	The majority of storm drains are marked	The majority of storm drains were marked in the major business and residential areas.	1.7.1 Complete storm drain marking by the end of year two. 1.7.2 Check markers and replace every year as needed.	County
1 – 5	1.8 Green Gardener Certification Program	Over 500 gardeners trained to date, annual training in Spanish and English.	Continuation of program is contingent upon grant funding.	1.8.1 100 gardeners annually. 1.8.2 Complete pilot water quality study 1.8.3 Obtain 25 customer surveys annually. 1.8.4 Seek additional grant funding.	County/ program partners

1.0 Public Education & Outreach

Year(s)	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	1.9 Storm water hotline;	Hotline is established	Hotline directs complaints and gives information.	1.9.1 Maintain hotline and document its usage. 1.9.2 Expand hotline usage into all County permit areas by the end of year 1, and continue to document usage. 1.9.3 Promote use of hotline through printed materials and website. 1.9.4 Respond to 100% of calls to Project Clean Water staff within 24 hours. Complaints outside direct County jurisdiction are forwarded to appropriate regulatory agency responsible for elimination of illegal discharges. Where the County of Santa Barbara has enforcement authority, County will respond directly and identify and control or eliminate illicit discharges as described in Section 3.2.4.	County
1 - 5	1.10 Landscape Education Program;	Program includes printed materials and public events	Written materials are distributed through the the annual landscape fair, and Water Awareness Day.	1.10.1 Reach 1,500 community members annually through materials and events. 1.10.2 Distribute at east 1,000 landscape brochures annually.	County

1.0 Public Education & Outreach

Year(s)	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	1.11 Business Outreach;	Program focuses on restaurants, automotive services, mobile cleaners, and construction trades.	Written materials and posters are distributed to businesses, during complaint response, and at workshops. A Restaurant Recognition Award is presented quarterly.	1.11.1 Compile number of materials distributed annually. 1.11.2 Document workshops and number of participants. 1.11.3 Deliver brochures to businesses by hand to enable more face-to-face communication with owners. 1.11.4. Report results of water quality inspections completed by County Departments (as defined in Section 3.2.4).	County
1 - 5	1.12 Media Campaign;	Media campaigns are run on an annual basis.	Media campaigns are run around events such as Earth Day, Pollution Prevention Week, and Creek Week.	1.12.1 Co-sponsor at least two media campaigns each year. 1.12.2 Target advertisement of the Project Clean Water website to increase the number of visitors to the website.	County/regional partners
1 - 5	1.13 Latino Outreach	Media campaign completed in FY 03/04.	Media campaigns will be run again in the future as funding permits.	1.13.1 Document number of Spanish brochures, Latino events, students reached.	County Agua Pura WRC
1 - 5	1.14 Incentives for built-out areas	None	Research grant opportunities and establish program is funds are found.	1.14.1 Research grants/apply. 1.14.2. Implement incentive program.	County
3-5	1.15 Tributary signage	None	Install signs identifying the major tributaries (i.e., second order streams) of first order streams (streams that lead to the ocean) in the County permit area.	1.15.1 In year 3, the County will develop a program proposal and seek permits and outside funding to install signs where County roads cross the major tributaries of first order streams in the County permit area.	County

1.0 Public Education & Outreach

BMP 1.1 Public Opinion Survey					
Year(s)	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Public Opinion Survey	Survey performed in 2001.	Conduct survey in coordination with the County, to determine effectiveness of programs and future program direction.	1.1.1. Conduct public opinion survey in year 5.	County/regional partners

1.1.1 Measurable Goal: *Conduct public opinion survey in year 5.*

Status: At the suggestion of stakeholders, PCW held a working group meeting to discuss a public opinion survey and the possibility of conducting a survey in advance of Year 5. Discussions are ongoing and implementation before Year 5 will depend on the availability of funding.

Effectiveness: Implementation of this program element was begun in advance of the SWMP schedule.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW will continue working group meetings on this topic.

BMP 1.2 Brochures					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Brochures	Brochures and posters are available in Spanish and English.	Brochures provide information on how community members, including business owners and staff, can prevent storm water pollution.	1.2.1. Compile the number of brochures distributed. 1.2.2. Reach 15% of the brochure target population each year.	County

1.2.1 Measurable Goal: *Compile the number of brochures distributed.*

Status: The County distributed 15,780 pieces of educational material focused on preventing storm water pollution. This count includes The Ocean Begins on Your Street brochure, brochures on household hazardous waste disposal and integrated pest management, Creek Care Guides, storm drain posters, and children's coloring books. Brochures were distributed by Project Clean Water, other Public Works divisions such as Resource Recovery and Waste Management, and County supported programs such as Isla Vista Recreation and Park District, Art From Scrap, and Agua Pura.

Brochures were updated in this year and new educational materials were developed. The Ocean Begins on Your Street brochure was updated and reprinted this year. Public education and outreach materials added this year to the list in the Storm Water Management Program (Appendix C) are:

1.0 Public Education & Outreach

Brochures:

- The Answer is Backyard Composting and Yard Waste Reduction
- Santa Barbara County Creek Care Guide
- Protect Your Family and the Environment (household hazardous waste disposal)
- Community Hazardous Waste Collection Center for Small Business Generators
- various fact sheets created through the Our Water Our World program on integrated pest management (available at www.ourwaterourworld.org)

Additional Materials

- EPA Construction BMP posters
- EPA storm water pollution prevention bookmarks,
- Legal and Free Dumpsite for RVs
- Storm Water Pollution doorhanger

A storm water pollution doorhanger with a pollutant checklist and information on proper waste disposal was developed and printed this year. The doorhanger will be used during site investigations to alert residents and businesses of illicit discharges and direct them to clean up any pollution.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Brochure distribution reached a large number of residents (up to 15,780) with information tailored to Santa Barbara County that addresses pollutants of concern. Distribution of informational brochures is especially effective in combination with other BMPs such as Community Events.

Proposed Modifications: See BMP 1.2.2 below.

Proposed Year 2 Activities: PCW will seek out additional opportunities for brochure distribution such as through homeowners associations.

1.2.2 Measurable Goal: *Reach 15% of the brochure target population each year.*

Status: PCW distributes four targeted brochures. Distribution of each brochure and the percent of each target population reached are given in the table below.

Targeted Brochure Name	Target Population in Permit Area	# Distr.	Percent Population Reached
Helpful Hints for Horse Owners	24 stables; unknown private boarders	121	100% stables; unknown percent of private boarders
Creekside Concerns	1090 creekside residents	584	54%; includes mailing to 171 permit area residents living near 303(d) listed creeks
Gardener's Guide to Clean Water	103 landscape professionals; unknown number of	742	Minimum 40% landscape professionals through mailing and Green Gardener; 100% Isla Vista

1.0 Public Education & Outreach

Targeted Brochure Name	Target Population in Permit Area	# Distr.	Percent Population Reached
	household gardeners		Rec and Park staff; 100% Orcutt Garden Club; unknown percent of household gardeners
A Dog Owner's Duty	Estimated 11,000 new dog licenses in 06-07	687	Minimum 6% dog owners up to 100% first-time dog owners through inclusion in County Animal Services and the Santa Ynez Valley Humane Society adoption packets

In addition to targeted mailings and visits to community groups, targeted audience brochures were distributed when investigating complaints, at community events, and at County administration buildings during Water Awareness Month in May.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Education through targeted brochures addressed specific behaviors that can lead to pollution.

Proposed Modifications: For outreach to the general public, PCW proposes to focus more on distributing general information brochures (e.g., The Ocean Begins on Your Street) than on distributing the four targeted brochures listed in the table above. There are a number of reasons for this change. The general brochures cover the targeted information plus additional information, can be distributed more widely, can be updated more frequently, and are more cost effective.

For specialized concerns such as gardening and horse waste, the County has in-depth guides on manure and green waste composting, integrated pest management, and sustainable landscaping. PCW also has specialized brochures for businesses. PCW and other County agencies will continue to distribute these items.

It is proposed that for Years 2-5 the measurable goals shown in BMP 1.2.1 and BMP 1.2.2 are modified into one measurable goal that reads “compile the number of all water quality related educational items distributed.” Accounting for the distribution of all materials provides a good estimate of the reach of County programs.

Proposed Year 2 Activities: PCW plans to develop a fact sheet that explains the NPDES permit and the County's SWMP.

1.0 Public Education & Outreach

BMP 1.3. Project Clean Water Website					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006-2007	PCW Website All POCs	Website is established.	The website provides information on how community members can prevent storm water pollution and also provides data on water quality within the County.	1.3.1. Compile the number of website hits annually. 1.3.2. Increase hits to the website by 10% per year. 1.3.3. Develop improvements to increase utility of website (i.e., increase usefulness, improved presentation, better communication, more minutes spent on website).	County

1.3.1 Measurable Goal: *Compile the number of website hits annually.*

Status: The website received 27,928 visitors in Year 1.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. The website provides an appropriate method for encouraging public access to water quality information, BMPs, and PCW announcements, reports, and documents. The contents of the pages have been developed specifically for Santa Barbara County residents.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW will continue to promote the use of the website, update the website regularly with upcoming events and announcements.

1.3.2 Measurable Goal: *Increase hits to the website by 10% per year.*

Status: The number of hits in Year 1, 27,928, will be used as a baseline number with the goal of increasing the number by 10% each year.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW will continue to promote the use of the website, update the website regularly with upcoming events and announcements.

1.3.3 Measurable Goal: *Develop improvements to increase utility of website.*

Status: A number of improvements were made to the website in Year 1 to increase its utility. The website now has a main page that features current events and news related to

1.0 Public Education & Outreach

water quality. Pages have been added for educators, businesses, construction, post-construction, and Spanish speakers. The website has been given a new domain name that is shorter and easier to remember: www.sbprojectcleanwater.org.

The website was expanded to include Spanish language pages on water pollution facts, PCW, laws and regulations, and BMPs for landscaping and restaurants.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Changes to the website were made to increase its utility for Santa Barbara County residents and were made specifically for implementing the County's SWMP.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW will work to add new features (e.g., links to water quality monitoring data).

BMP 1.4. Community Events					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006-2007	1.4 Community Events	The County currently sponsors Creek Week which includes a Kid's Creek Fest as well as a booth for Earth Day.	Public events can reach a wide audience in providing information on how to prevent storm water pollution.	1.4.1. Compile the number of events organized or attended with displays as well as the number of people who attended each event. 1.4.2. Reach 15% of the permit area population each year.	County

1.4.1 Measurable Goal: *Compile the number of events organized or attended with displays as well as the number of people who attended each event.*

Status: County staff and County-supported water quality related programs sponsored, had booths at, or provided educational materials on water quality related topics for 17 events attended by a total of 29,722 people in Year 1.

Event	Display Topic	Location	# of People in Attendance
Creek Week	Water quality	South County	137
Santa Ynez Materials Collection	Hazardous waste disposal	North County	363
Goleta Lemon Festival	Cigarette butt disposal	South County	5000
Great American Smokeout	Cigarette butt disposal	South County	450
Goleta Health Fair	Water quality and watersheds	South County	400

1.0 Public Education & Outreach

Event	Display Topic	Location	# of People in Attendance
Earth Day Festival	Water quality, watersheds, hazardous waste disposal	South County	8600
Earth Day County Display	Water quality, watersheds, hazardous waste disposal	South County	200
Isla Vista Earth Day	Hazardous waste disposal	South County	500
Guadalupe Earth Day	Cigarette butt disposal	North County	500
Goleta Earth Day	Water quality, watersheds	South County	250
Santa Ynez Materials Collection	Hazardous waste disposal	North County	317
Cinco de Mayo	Hazardous waste disposal	South County	6000
BioBlitz, Santa Barbara Botanic Gardens	Water quality	South County	600
UCSB Wellness Fair	Hazardous waste disposal	South County	600
Steelhead Festival	Water quality, watersheds	South County	1070
Wonders of Water, Santa Barbara Zoo	Water quality, watersheds	South County	1735
Santa Maria Valley Trade Show	Water quality	North County	3000

The County was a lead organizer for the Creek Week Festival in October. Festival activities included a water quality forum, creek clean ups, water quality monitoring, nature walks, volunteer creek restoration, and a community reception. For Wonders of Water, the County and City of Santa Barbara partnered to create an interactive, climb-through storm drain exhibit for kids. At the Goleta Lemon Festival, Earth Day festivals, and other community events, the County had displays and gave out information about the importance of properly disposing of cigarette butts, a major component of litter and a source of toxins and plastic that can pollute waterways and harm aquatic life. Other County displays focused on proper disposal of household hazardous waste.

This year, PCW developed a new and attractive display poster that provides a visual explanation of the PCW mission and activities that can be viewed and understood at a glance. Because the poster is visually interesting, it has helped bring visitors to PCW booths.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Attendance at public events provides opportunities to

1.0 Public Education & Outreach

educate the public through displays and brochures. A large number of the informational items distributed in Year 1 were handed out at public events.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW plans to host a booth at three events in North County in summer and fall of 2007. PCW will organize Creek Week in October, and will continue to attend other community events in South County. One goal for Year 2 is to work with the Community Environmental Council to add a Kids Creek festival component to the existing Steelhead Festival. Proper disposal of household hazardous waste will continue to be promoted at community events by Resource Recovery and Waste Management.

1.4.2 Measurable Goal: *Reach 15% of the permit area population each year.*

Status: Based on a 2000 census unincorporated population of 162,000, the County reached 18% of the permit area population through this BMP, exceeding the goal of 15%.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW plans to host a booth at three events in North County in summer and fall of 2007. PCW will organize Creek Week in October, and will continue to attend other community events in South County. One goal for Year 2 is to work with the Community Environmental Council to add a Kids Creek festival component to the existing Steelhead Festival. Proper disposal of household hazardous waste will continue to be promoted at community events by Resource Recovery and Waste Management.

BMP 1.5. South Coast Watershed Resource Center					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	South Coast Watershed Resource Center	Center opened in fall 2001	The Center hosts exhibits, activities, field trips for school groups, summer camps, community meetings, volunteer coordination and a resource library.	1.5.1. Increase visitation 10% each year, with FY 03-04 as the base year	County/CEC

1.5.1 Measurable Goal: *Increase visitation 10% each year, with FY 03-04 as the base year.*

Status: In Year 1, the County utilized the Watershed Resource Center (WRC) for youth education, public meetings, and community events. The County maintained weekend

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hours for drop-in visitation. A total of 4,128 people visited the Center through these programs.

To encourage visitation, the WRC was promoted at the Earth Day Festival and the Steelhead Festival.

Despite the large number of visitors to the Center, the measurable goal was not met. FY 03-04, the baseline year, was a year of relatively high visitation because of a successful Creek Watchers Program and an active Watershed Projects Volunteer Coordinator employed by CEC, the group that manages the WRC. Visitation was around 6,858. Since 03-04, Creek Watchers has ceased and CEC has shifted its focus to energy programs and has eliminated the Watershed Projects Volunteer Coordinator position.

As a result of the shift in CEC program focus, the future of the WRC is now being discussed by the County, CEC, Santa Barbara Channelkeeper, and Art From Scrap. The County is exploring with these groups a more effective structure for promoting broader use of the WRC.

Effectiveness: This program element was implemented, but the stated goal was not met as a result of programmatic changes beyond the control of the County. The County proposes to modify the measurable goal for this BMP as stated below. The WRC is an excellent resource for education and increasing awareness about water pollution; therefore, the County is currently working to promote visitation and develop a long-term plan for broader use of the facility.

Proposed Modifications: It is proposed that the measurable goals be modified to reflect the changes that have occurred regarding the management and use of the WRC since the first draft of the SWMP was written. The County proposes to eliminate 1.5.1 and replace with three new measurable goals. These would be

- **1.5.1 Measurable Goal:** *Maintain the use of the facility for youth education and other programs,*
- **1.5.2 Measurable Goal:** *Compile the number of visitors each year*
- **1.5.3 Measurable Goal:** *Facilitate the use of the Watershed Resource Center for at least two community events each year.*

Although the County will continue to promote the use of the WRC, attendance cannot be expected to increase by 10% each year indefinitely. Past experience has shown that drop-in visitation in particular is unreliable, even with increased advertising.

Proposed Year 2 Activities: PCW will work with CEC and other community groups to encourage increased use of the WRC for community events and volunteer activities. Use of the facility for school programs is already planned.

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BMP 1.6. Educational Programs for Children					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Educational Programs for children	Ongoing	Classroom presentations are available on request and annual training is held for the Mountains to the Sea watershed curriculum.	1.6.1. Educate 30% of school children (K-8) every two years. 1.6.2. Administer pre-and post presentation evaluations.	County

1.6.1 Measurable Goal: *Educate 30% of school children (K-8) every two years.*

Status of Measurable Goal: In Year 1, the County reached 3,537 total students and 2,361 students in the permit area through classroom presentations, field trips, school assemblies, and teacher training. Outreach in the permit area reached about 21% of unincorporated students in grades K-8 (based on a total unincorporated K-8 population of 11,506). The measurable goal for this BMP is 30% of K-8 students in permit area by the end of Year 2. The County is on track to reach this goal by the end of Year 2.

In 2006, PCW staff participated in UCSB's Teacher Enrichment Adventure in Watershed Education and Training by providing training on water quality to 12 teachers from schools throughout the county. PCW also had a booth at the annual Santa Barbara County Teachers Curriculum Fair. Eight copies of the Mountains to the Sea curriculum were distributed in Year 1.

Although the Mountains to the Sea curriculum will continue to be distributed, teacher trainings on Mountains to the Sea are no longer offered due to a lack of teacher response. In addition, some of the resource information in the curriculum is now out of date, as a result staff time will be spent training teachers on water quality related topics in conjunction with newer existing programs such as Project WET and the UCSB NOAA funded Teacher Enrichment Adventure in Watershed Education and Training.

PCW staff gave lessons on storm water pollution prevention in classrooms and school assemblies. PCW also supported education through Art From Scrap, Agua Pura, and the Santa Barbara Housing Authority. Art From Scrap's Creek Kids Series teaches children about watersheds and that polluted storm water runoff flows into creeks and the ocean. The lesson plans emphasize the storm drain connection. One element of the series is a field trip to the WRC where the students participate in a beach clean up. Agua Pura is a program that teaches kids about watersheds and watershed health in after-school settings. Agua Pura specializes in outreach to Latino youth. The Santa Barbara Housing Authority runs a program called Splash 2 Trash, a multi-week series that teaches kids about watersheds, water resources, and human impacts on water quality.

A focus of PCW efforts in Year 1 was extending youth education programs into North County. PCW staff trained Art From Scrap educators on water resources and water quality problems specific to the Santa Maria river basin. Art From Scrap then conducted

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in-class lessons and took school children on field trips to the Cabrillo High School Aquarium located in Lompoc.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Youth Education is an appropriate approach to storm water pollution education in Santa Barbara County. The topic fits into required curriculum topics, and school aged children are particularly receptive to the information presented. A number of well-established and experienced local groups offer water quality lessons. Through support of these programs, the County is able to reach many more students than through PCW presentations alone.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW has reallocated funding for FY 07-08 to provide for increased storm water education in Orcutt public schools through Art From Scrap. Art From Scrap estimates that with the additional funds they will increase their reach by 50% relative to FY 06-07. With support from the County, Art From Scrap will also provide storm water education in South County schools, focusing on public schools in unincorporated areas. Through Art From Scrap, PCW will offer water quality education resources such as water quality testing kits to teachers.

PCW staff will continue to do outreach to schools with an emphasis on large group presentations and events like health fairs, school assemblies, beach days, and science nights.

In FY 07-08, PCW will look for new opportunities to do teacher training through established programs or in schools where a number of teachers are interested in attending. Teacher training may be done in cooperation with education groups such as UCSB or Art From Scrap.

1.6.2 Measurable Goal: *Administer pre- and post-presentation evaluations.*

Status: Art From Scrap administered pre- and post-presentation evaluations to 57 6th graders who participated in the Creek Kids Series.

Effectiveness: This program element resulted in increased awareness. The results of the evaluations show that the students' understanding of watersheds and storm water pollution was generally better after completing the series. Of particular note is the comparison of before and after responses to the true/false statement "Everyone lives in a watershed." Prior to the series, 33% of the students answered correctly. After the series, 86% answered correctly.

Proposed Modifications: None.

Proposed Year 2 Activities: Continued evaluations of participants from Creek Kids series.

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BMP 1.7. Storm Drain Marking					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Storm drain marking	The majority of storm drains are marked	The majority of storm drains were marked in the major business and residential areas.	1.7.1. Complete storm drain marking by the end of year two. 1.7.2. Check markers and replace every year as needed.	County

1.7.1 Measurable Goal: *Complete storm drain marking by the end of year two.*

Status: County staff marked a total of 863 storm drain inlets in Year 1. Also in Year 1, the County began using more durable markers composed of steel. PCW has continued efforts to confirm existing maps of all storm drain inlets and locate unmarked inlets. Changes to existing maps are made as warranted. This effort will be extended into Year 2 with the goal of marking all inlets by the end of Year 2.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Storm Drain Marking is appropriate for the community and addresses an important pollution source. On 25 separate occasions, PCW recorded illegal dumping of construction material, wash water, and hazardous materials directly into gutters or storm drains.

Proposed Modifications: None.

Proposed Year 2 Activities: The County has listed the goal of marking all storm drains in the permit area by the end of Year 2. To do this, a complete inventory of storm drain inlets and the condition and presence or absence of a marker is required. PCW will update the existing storm drain database in FY 07-08.

1.7.2 Measurable Goal: *Check markers and replace every year as needed.*

Status: Included in the count of 863 storm drain inlets marked in Year 1 are markers that were installed to replace old, missing, or damaged ones. Storm drain markers are replaced on an as-needed basis.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Proposed Year 2 Activities: Unmarked storm drains will be marked, and damaged or deteriorated storm drain markers will be replaced.

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BMP 1.8. Green Gardener Certification Program					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	1.8 Green Gardener Certification Program	Over 500 gardeners trained to date, annual training in Spanish and English.	Continuation of program is contingent upon grant funding.	1.8.1. Train 100 gardeners annually. 1.8.2. Complete pilot water quality study 1.8.3. Obtain 25 customer surveys annually. 1.8.4. Seek additional grant funding.	County/ program partners

1.8.1 Measurable Goal: *Train 100 gardeners annually.*

Status: A total of 105 gardeners were certified through the Green Gardener Program in Year 1. To encourage participation, the Green Gardener Program was promoted County wide through print and radio ads and press releases.

All landscape professionals that attended Green Gardener classes were trained in reducing polluted runoff and received brochures on BMPs appropriate for commercial and residential gardening and Our Water Our World fact sheets on integrated pest management.

Effectiveness: This program element resulted in behavioral changes in the target audience and implementation of BMPs for reducing storm water pollution. In Fall 2006, 16 Green Gardener students from the South County bilingual class completed a course survey and 82% responded that they were planning to change their practices based on information learned in the course. The changes listed were altering irrigation practices, using fertilizers correctly, and reducing pesticide use or substituting organic methods.

The Green Gardener Program is an appropriate method for reaching a target audience and addressing certain pollutants of concern in Santa Barbara County. In a telephone survey completed in 2002, gardeners and business owners were identified as two groups who were willing to change their practices in order to reduce storm water pollution. This BMP is appropriate for reaching those groups. The pollutants of concern addressed specifically through Green Gardener courses are nutrients and pesticides, both of which have been detected or are found in elevated quantities in Santa Barbara County creeks.

Proposed Modifications: None.

Proposed Year 2 Activities: In order to draw at least 100 Green Gardener students, the County will focus on advertising the classes for FY 07-08.

1.8.2 Measurable Goal: *Complete pilot water quality study.*

Status: The County and its partners developed a self-assessment tool that is used by each landscape professional to rate his or her gardening practices relative to certain standards.

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The self-assessment tool was designed to replace the water quality study, which was evaluated in Year 1 and determined to be an impractical and inappropriate means of assessing the effectiveness of the Green Gardener Program. Baseline water quality data have been collected irregularly (i.e. varying from monthly to storm sampling) at coarse spatial resolution. Because of the poor temporal and spatial resolution of the data, it is unlikely that measurable or statistically significant reduction in measured pollutants can be related to of landscape professionals through water quality sampling as proposed. The self-assessment tool will be administered during Green Gardener classes and offered as a re-certification option in Year 2.

Effectiveness: This program element was modified and implemented. The self-assessment tool will be an effective means of tracking behavioral changes beginning in Year 2.

Proposed Modifications: The County proposes to substitute a self-assessment tool for the pilot water quality study on the list of measurable goals. The self-assessment tool provides insight into a landscape professional's level of knowledge and use of green gardening practices including proper fertilization and irrigation that minimizes excess runoff. The self-assessment tool will be offered as an option for recertification, and the results can be used to revise the program as needed.

The new proposed measurable goal would therefore be:

1.8.2 Measurable Goal: *Implement and promote use of self-assessment tool by Green Gardeners*

Proposed Year 2 Activities: The County will compile the results of the new self-assessment tool, which will provide a means of assessing the effectiveness of the program.

1.8.3 Measurable Goal: *Obtain 25 customer surveys annually.*

Status: On page 1-6 of the SWMP, this measurable goal reads “*Obtain customer surveys from a minimum of 25 certified gardeners each year during years 2-5.*” This wording of the measurable goal was used in Year 1. Although not yet required, 10 customer surveys were collected in Year 1.

Effectiveness: Implementation of this program element was begun in advance of the SWMP schedule. This program element indicates that the BMP has resulted in modified behavior. Surveyed customers indicate that their gardener's practices have improved since becoming certified.

Proposed Modifications: The County also proposes to change the measurable goal regarding surveys to add the self-assessment tool as an option to the customer surveys.

The new proposed measurable goal would therefore be:

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1.8.3 Measurable Goal: *Obtain customer surveys or self-assessment tools from a minimum of 25 certified gardeners during Years 2-5.*

It is expected that the number of certified gardeners who complete customer surveys will decrease when the self-assessment tool is added as an option for re-certification. Both types of assessments will be useful for evaluating the program and its effectiveness.

Proposed Year 2 Activities: The County will compile the results of the new self-assessment tool, which will provide a means of assessing the effectiveness of the program.

1.8.4 Measurable Goal: *Seek additional grant funding.*

Status: Grant funding for the Green Gardener Program has expired, and the program is now funded through sponsors that include Santa Barbara County, other local agencies, water purveyors, and private companies.

Effectiveness: This program element was not implemented because grant funding is no longer required.

Proposed Modifications: The County proposes to eliminate this measurable goal.

Proposed Year 2 Activities: Not applicable.

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BMP 1.9. Storm Water Hotline					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006-2007	1.9 Storm water hotline	Hotline is established	Hotline directs complaints and gives information.	1.9.1. Maintain hotline and document its usage. 1.9.2. Expand hotline usage into all County permit areas by the end of year 1, and continue to document usage. 1.9.3. Promote use of hotline through printed materials and website. 1.9.4. Respond to 100% of calls to Project Clean Water staff within 24 hours. Complaints outside direct County jurisdiction are forwarded to appropriate regulatory agency responsible for elimination of illegal discharges. Where the County of Santa Barbara has enforcement authority, County will respond directly and identify and control or eliminate illicit discharges as described in Section 3.2.4.	County

1.9.1 Measurable Goal: *Maintain hotline and document its usage.*

Status: The hotline was maintained through Year 1 and received a total of 257 calls.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. The storm water hotline is an appropriate tool for reducing nonpoint source pollution in the county. Residents have expressed confusion about where to report water pollution and where to dispose of hazardous waste. Both of these pieces of information are made available through the hotline. The hotline has been maintained in collaboration with other local government offices so that residents who call receive up-to-date information.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW will continue to maintain the hotline and document its usage.

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1.9.2 Measurable Goal: *Expand hotline usage into all County permit areas by the end of year 1 and continue to document usage.*

Status: The hotline was updated and expanded to cover all areas in the County. The referral tree was also expanded and sent to all agencies who may receive calls through the hotline. The tree gives numbers for all County and City offices related to water in the County so that misdirected calls can be redirected.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. The hotline was updated with information and connections to all relevant City and County storm water programs for efficient reporting of storm water pollution.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW has identified the need for a general PCW business card with the website and hotline number on it. Such a card will be developed, printed, and distributed.

1.9.3 Measurable Goal: *Promote use of hotline through printed materials and website.*

Status: The hotline was promoted this year through printed materials including print ads, magnets, and brochures. The hotline was also printed on bus ads that were installed in MTD buses in March and will run through December. In addition, the hotline was given a prominent location on the newly designed website and was advertised online through the local news provider edhat.com.

Through conversations with residents it became clear that few people understood what “water quality hotline” meant. PCW is now using the direction “Call 1-877-OUR-OCEAN to Report Water Pollution” on all new printed materials, bus ads, and on the website. This change should result in more calls to the hotline.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW has identified the need for a general PCW business card with the website and hotline number on it. Such a card will be developed, printed, and distributed.

1.9.4 Measurable Goal: *Respond to 100% of calls to Project Clean Water staff within 24 hours.*

Status: Refer to Minimum Control Measure 3.0. Illicit Discharge Detection and Elimination for the status of this measurable goal.

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BMP 1.10. Landscape Education Program					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	1.10 Landscape Education Program;	Program includes printed materials and public events	Written materials are distributed through the annual landscape fair, and Water Awareness Day.	1.10.1. Reach 1,500 community members annually through materials and events. 1.10.2. Distribute at least 1,000 landscape brochures annually.	County

1.10.1 Measurable Goal: *Reach 1,500 community members annually through materials and events.*

Status: In Year 1, the County reached 9,300 community members with landscape information at Earth Day, Santa Barbara Botanic Garden BioBlitz, and Water Awareness Month. PCW reached 191 community members through landscape oriented presentations, workshops, and one-on-one interaction at tabling events. One new activity held this year was an informational table on integrated pest management (IPM) at the Orchard Supply Hardware. Also in Year 1, County TV regularly aired a program called Garden Wise Guys. Garden Wise Guys covers topics that include integrated pest management, appropriate fertilizer application, and irrigation to prevent over watering. County TV is accessible to 400,000 residents.

The annual landscape fair is no longer being held. PCW will continue to distribute landscape information at other community events.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. A 2002 survey conducted by the County identified non-commercial gardeners as one group that is willing to change behavior in order to protect water quality; thus, landscape education is an appropriate component of the County's education and outreach. Landscaped lawns and grounds are typical of homes and businesses in the County, and a lack of rain throughout most of the year requires owners to irrigate, which can cause excessive runoff if not regulated properly. These things suggest that a lot of opportunities exist to improve water quality through education about landscaping practices. Landscape education helps to address nutrient loading, a particular concern for Santa Barbara County waterways. It also addresses pesticides and general washing of contaminants into storm drains.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW will continue to participate in the Our Water Our World program and distribute materials on IPM. PCW will also continue to look for opportunities to sponsor informational booths in cooperation with groups such as the Master Gardener Program of UC Cooperative Extension. Landscape education will be continued through the Water Agency and its Garden Wise Guys programming and

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various brochures. Landscape education information will be distributed at community events and during Water Awareness Month.

1.10.2 Measurable Goal: *Distribute at least 1,000 landscape brochures annually.*

Status: This year, PCW continued its participation in the Our Water Our World program by working with local store owners to display fact sheets on less toxic pest management in stores. The OWOW program was started in the San Francisco Bay area and provides information to consumers on less toxic alternatives to traditional chemical pesticides and rapid release fertilizers. PCW began participating in 2004. PCW staff stocked three stores in the unincorporated areas and seven stores in the cities of Goleta, Solvang and Buellton with OWOW fact sheets. Many of the seven stores in the cities are frequented by residents from nearby unincorporated areas. In Year 1, PCW replenished store displays with 2,150 fact sheets. In addition, County staff distributed 150 copies of the brochure Sustainable Landscapes for the Central Coast this year.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Proposed Year 2 Activities: Continued participation with OWOW.

BMP 1.11. Business Outreach					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Business Outreach;	Program focuses on restaurants, automotive services, mobile cleaners, and construction trades.	Written materials and posters are distributed to businesses, during complaint response, and at workshops. A Restaurant Recognition Award is presented quarterly.	1.11.1. Compile number of materials distributed annually. 1.11.2. Document workshops and number of participants. 1.11.3. Deliver brochures to businesses by hand to enable more face-to-face communication with owners. 1.11.4. Report results of water quality inspections completed by County Departments (as defined in Section 3.2.4).	County

1.11.1 Measurable Goal: *Compile number of materials distributed annually.*

Status: This year, the County distributed 110 brochures and posters on preventing storm water pollution from business operations, and 800 brochures on proper disposal of hazardous waste generated by small businesses.

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Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. A number of the storm water pollution complaints received each year are related to poor business practices; therefore, it is appropriate that the County's SWMP include business outreach.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW is currently planning workshops and presentations for Fall 2007. PCW will work with the sanitation districts to offer workshops to restaurant managers. PCW is also in communication with Santa Barbara City College professors about incorporating guest lectures on storm water pollution prevention during culinary and hotel management courses. PCW staff will continue to educate business managers and employees during site inspections for compliance with storm water discharge regulations. Brochures will be offered at events attended by businesspersons. For example, PCW will attend the Santa Barbara Business Trade Show in August 2007. The County will continue to assist in developing a county-wide Green Business Program in which the businesses that are certified are ones that show a commitment to water pollution prevention.

1.11.2 Measurable Goal: *Document workshops and number of participants.*

Status: In Year 1, PCW worked to develop and schedule workshops to be held in Year 2. See below for more details. To make contact with business owners in Year 1, PCW attended the Small Business Success Forum on the South Coast and the Santa Maria Trade Show in North County with displays and materials about storm water pollution and business practices. Combined, the program reached 3,600 residents and business owners through these events.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW is currently planning workshops and presentations for Fall 2007. PCW will work with the sanitation districts to offer workshops to restaurant managers. PCW is also in communication with Santa Barbara City College professors about incorporating guest lectures on storm water pollution prevention during culinary and hotel management courses. PCW staff will continue to educate business managers and employees during site inspections for compliance with storm water discharge regulations. Brochures will be offered at events attended by businesspersons. For example, PCW will attend the Santa Barbara Business Trade Show in August 2007. The County will continue to assist in developing a county-wide Green Business Program in which the businesses that are certified are ones that show a commitment to water pollution prevention.

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1.11.3 Measurable Goal: *Deliver brochures to businesses by hand to enable more face-to-face communication with owners.*

Status of Measurable Goals: County staff visited 33 businesses in the permit area as a result of complaints or discoveries of illegal discharges. See summary table in Appendix. The business owners and managers were given brochures and educated on the law and the prevention of storm water pollution.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW is currently planning workshops and presentations for Fall 2007. PCW will work with the sanitation districts to offer workshops to restaurant managers. PCW is also in communication with Santa Barbara City College professors about incorporating guest lectures on storm water pollution prevention during culinary and hotel management courses. PCW staff will continue to educate business managers and employees during site inspections for compliance with storm water discharge regulations. Brochures will be offered at events attended by businesspersons. For example, PCW will attend the Santa Barbara Business Trade Show in August 2007. The County will continue to assist in developing a county-wide Green Business Program in which the businesses that are certified are ones that show a commitment to water pollution prevention.

1.11.4 Measurable Goal: *Report results of water quality inspections completed by County Departments.*

Status of Measurable Goal: Results of water quality inspections completed by County Departments are reported under Minimum Control Measure 3.0. Illicit Discharge Detection and Elimination.

1.11.5 Measurable Goal (new): *Participate in County Green Business Program.*

Status: In Year 1, the County began participating in the development of a county-wide Green Business Program. PCW has been a part of the planning in order to ensure that meeting storm water pollution prevention requirements is a criterion for green business certification. This program will replace the PCW Restaurant Recognition Program, which is no longer being promoted.

Proposed Modifications: This is a new program element proposed for Years 2-5.

Proposed Year 2 Activities: The County will participate in the Green Business Program.

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1.12. Media Campaign					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Media Campaign	Media campaigns are run on an annual basis.	Media campaigns are run around events such as Earth Day, Pollution Prevention Week, and Creek Week.	1.12.1. Co-sponsor at least two media campaigns each year. 1.12.2. Target advertisement of the Project Clean Water website to increase the number of visitors to the website.	County/regional partners

1.12.1 .Measurable Goal: *Co-sponsor at least two media campaigns each year.*

Status: This year, PCW co-sponsored bilingual clean water ads on MTD buses in cooperation with the cities of Goleta and Santa Barbara. MTD buses have a ridership of about 1 million persons per year. Beginning March 2007, the ads were changed to target car washing on streets.

In association with Creek Week, PCW co-sponsored print ads in two local publications. In December, PCW placed a week-long series of print ads (eight ads total) focused on what residents can do to prevent water pollution. For Earth Day, PCW partnered with the City of Santa Maria to place two consecutive ads in a North County Spanish language weekly publication that explained the difference between storm drains and sewers and gave recommended actions for preventing storm water pollution. An Earth Day ad was also run in the Santa Barbara Independent, which is distributed on the South Coast and Santa Ynez valley.

PCW and the City of Goleta partnered up to place clean water ads in Blue Edge magazine from January 2007 through June 2007. The ads focused on what actions South Coast residents can take to prevent water pollution at beaches.

PCW worked with the Community Environmental Council to bring the film *Our Synthetic Sea* to County TV. The film looks at the impacts of plastic debris in the ocean and traces the source to storm water runoff from land. For a few months, County TV frequently aired the film during its nightly segment set aside for health related topics.

Also this year, the County's No Butts Left Behind campaign ran 26 print ads and radio ads on proper disposal of cigarette butt litter, and Resource Recovery assisted KEYT in planning used oil recycling ads that talk about keeping oil out of storm drains.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. The ads placed by PCW are tailored to the local population and address known pollution sources and polluting practices. Other County media campaigns in Year 1 (i.e. No Butts Left Behind and used oil recycling) were also targeted toward specific local problems. Combined, the ads address VOCs, nutrients, pesticides and pathogens in addition to general storm water pollution prevention.

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Proposed Modifications: None.

Proposed Year 2 Activities: As part of its media campaign, PCW will continue to run bus ads in partnership with the cities of Goleta and Santa Barbara. Other media campaigns will be centered around Creek Week, Pollution Prevention Week, Earth Day, or Water Awareness Month.

1.12.2 Measurable Goal: *Target advertisement of Project Clean Water website to increase the number of visitors to the website.*

Status: The website was included on all PCW print ads and was advertised online at edhat.com in January and in April. A link to the website was added to other frequently visited sites such as the Coastal Commission’s website and www.earth911.org. A link was also placed on the KEYT (local television station) website during their Recycle Used Oil campaign in May and June. A thumbnail link to the PCW website was added to the main County homepage.

Effectiveness: Awareness about the website has increased. Since 2003, website traffic has increase from about 300 hits per month to over 2,500 hits per month. The total number of page visits, including visits by the same user, is currently over 10,000 per month.

Proposed Modifications: None.

Proposed Year 2 Activities: As part of its media campaign, PCW will continue to run bus ads in partnership with the cities of Goleta and Santa Barbara. Other media campaigns will be centered around Creek Week, Pollution Prevention Week, Earth Day, or Water Awareness Month.

BMP 1.13. Latino Outreach					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Latino Outreach	Media campaign completed in FY 03/04.	Media campaigns will be run again in the future as funding permits.	1.13.1. Document number of Spanish brochures, Latino events, students reached.	County Agua Pura WRC

1.13.1 Measurable Goal: Document number of Spanish brochures, Latino events, students reached.

Status: To reach Spanish speaking residents in the county, PCW co-sponsored ads on Univision television in cooperation with the cities of Goleta and Santa Barbara. The ads, which were run over a 12-month period, focused on making the connection between storm drains and local creeks and the ocean. The ads reached an estimated 133,300 Spanish-speaking persons county wide.

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As described under the BMP Media Campaign, the County also co-sponsored bilingual clean water ads on MTD buses.

Approximately 1,900 Spanish language brochures and educational items were distributed this year through community events, mailings, and groups such as Agua Pura. Of the 1,900 distributed, 175 were Spanish language coloring books targeted toward youth education.

Through its support of Agua Pura, the County provided watershed and storm water education to 539 Latino students. The County allocated additional funding to Agua Pura in Year 1 for the creation of a Spanish language fotonovela about preventing storm water pollution. Fotonovelas, popular throughout Latin America, are comic-book style narratives that use photographs to tell a story with a message. In the process of creating the fotonovela, Agua Pura reached a total of 64 persons through community focus meetings.

In Year 1, the County also supported a program for Latino youth in the Carpinteria area through the Splash 2 Trash program of the Housing Authority of the City of Santa Barbara. Fourteen youth from age 6 to age 17 joined the two-week after-school program, participating in a number of field trips and activities focused on water resource protection.

In cooperation with Youth CineMedia and Zona Seca, PCW involved local Latino teens in producing a radio public service announcement about picking up trash and preventing pollution on beaches. The spot is running indefinitely on KCSB.

The County attended the Cinco de Mayo festival with displays on household hazardous waste disposal. Over 6,000 people attended the festival this year.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. A large portion (about 34%) of the county population is Hispanic, creating a need for Spanish language outreach and education. PCW focuses on messages that are particular to the needs and practices of the Latino community. For example, surveys and discussions with community members have indicated that hosing down yard areas is a common practice in Latino households. Discouraging this practice was one message included in the fotonovela created in Year 1. The Spanish language outreach conducted by the County covers all pollutants of concern for County water bodies.

Proposed Modifications: None.

Proposed Year 2 Activities: In Year 2, PCW will again co-sponsor an ad campaign on Univision. Three new ads were filmed in July 2007; one communicates the message that storm drains are not sewers, another emphasizes sweeping up yard waste instead of hosing down outside areas, and a third explains where to take household hazardous waste for proper disposal. In August 2007, PCW will be partnering with Agua Pura to bring a

1.0 Public Education & Outreach

Spanish language interactive display to Family Day in the Park, a large event in North County that attracts primarily Latino families. PCW will pursue opportunities to reach the teenaged Latino population through cooperation with Youth CineMedia and other community based organizations. These media outreach efforts will be coordinated with County departments and other local agencies with overlapping responsibilities.

BMP 1.14. Incentives for Built-Out Areas					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006-2007	Incentives for built-out areas	None	Research grant opportunities and establish program is funds are found.	1.14.1. Research grants/apply. 1.14.2. Implement incentive program.	County

1.14.1 Measurable Goal: *Research grants/apply.*

Status: Grant funding opportunities to support the County's storm water program, including incentives for built-out areas, were researched and compiled this year.

In Year 1, the County hired Wallace Group to evaluate its development review procedures. One component of the scope of work was to research incentive programs used by other holders of NPDES permits and to gather recommendations for an incentive program in Santa Barbara County. The findings and recommendations are included in the final report which is available at http://www.sbprojectcleanwater.org/post_construction.html.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Numerous development projects are proposed each year in Santa Barbara County. Development review is thus an appropriate avenue for increasing storm water quality protection in the County.

Proposed Modifications: None.

Proposed Year 2 Activities: PCW will continue to research and apply for grants as appropriate.

1.14.2 Measurable Goal: *Implement incentive program.*

Status: In accordance with the SWMP, this program element is scheduled for Year 3.

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BMP 1.15. Tributary Signage					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006-2007	Tributary signage	None	Install signs identifying the major tributaries (i.e., second order streams) of first order streams (streams that lead to the ocean) in the County permit area.	1.15.1. In year 3, the County will develop a program proposal and seek permits and outside funding to install signs where County roads cross the major tributaries of first order streams in the County permit area.	County

1.15.1 Measurable Goal: In year 3, the County will develop a program proposal and seek permits and outside funding to install signs where County roads cross the major tributaries of first order streams in the County permit area.

Status: In Year 1, PCW compiled a list of grant sources that may be available to fund the tributary signage and other programs.

Effectiveness: Implementation of this program element was begun in advance of the SWMP schedule.

Proposed Modifications: None.

Proposed Year 2 Activities: The County will pursue funding from the Coastal Impact Assistance Program for tributary signage.

2.0 PUBLIC PARTICIPATION AND INVOLVEMENT

Introduction

The Public Involvement and Participation Minimum Control Measure is intended to foster active community support for the Storm Water Management Program and give direction to its implementation. Participation by the public ensures that the program reflects community values and priorities and thus has the highest potential for success.

Stakeholder Meetings and Community Clean-ups contributed the most to the overall success of this Minimum Control Measure. Project Clean Water (PCW) Stakeholders regularly provide comments and suggestions that PCW utilizes to improve the County's Storm Water Management Program and BMPs. Stakeholders have been particularly involved in the Post-Construction Program and development of the Storm Water Ordinance. The most active Stakeholders are from local non-profits and local government agencies. Community Clean-ups have been the most successful way to reach other community members. The County has reached groups of all ages through clean-ups organized by PCW, the County Parks Department, and Resource Recovery (discussed under BMP 6.4.5).

Summary Table 2-1 Public Participation and Involvement (From Table 2-3 in County of Santa Barbara Storm Water Management Program)					
Year	BMP	Status (Jul 06)	Implementation Details	Measurable Goal	Implementing Entity
1	2.1 Establish Steering Committee	Ongoing stakeholder meetings are held monthly in South County	Establish North County Stakeholder Committee by advertising and contacting community groups.	2.1.1. Maintain South County Stakeholder Committee 2.1.2. North County Stakeholder Committee meeting bi-monthly by end of year 1. 2.1.3. Stakeholder committees review SWMP annual reports.	County/regional partners

2.0 Public Participation & Involvement

Year	BMP	Status (Jul 06)	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	2.2 Regular Public meetings	Ongoing stakeholder meetings are held monthly in South County. Public forums are held semi-annually.	Establish separate City stakeholder committee by advertising and contacting community groups.	<p>2.2.1. Continue meetings of the Stakeholder Committee, alternating north and south County committee meetings bi-monthly.</p> <p>2.2.2. Advertise to increase attendance to committee meetings. Contact committee members in person to encourage their participation and to determine what would make the meetings worth attending.</p> <p>2.2.3. Organize and facilitate regular working group meetings to engage local agencies and organizations on ongoing mutual issues (e.g., funding, direction of public education efforts and targeted information campaigns, emerging issues).</p> <p>2.2.4. Document attendance at stakeholder meetings.</p> <p>2.2.5. Hold public forums at least once/year on relevant water quality topics.</p>	County/regional partners
1 - 5	2.3 Coordination among agencies	Ongoing	The Intergovernmental Committee meets quarterly, and the California Storm Water Quality Association meets bi-monthly.	<p>2.3.1 Continue to convene/ attend meetings.</p> <p>2.3.2 Document attendance and actions.</p>	County/regional partners
1 - 5	2.4 Volunteer water quality sampling	Ongoing	Statewide Snapshot day provides regular volunteer water quality sampling opportunities.	2.4.1 Sponsor volunteer sampling a minimum of twice/year	County

2.0 Public Participation & Involvement

Year	BMP	Status (Jul 06)	Implementation Details	Measurable Goal	Implementing Entity
1 – 5	2.5 Community Clean-ups	The County sponsors creek clean-ups during Creek Week.	Continue sponsorship of creek clean-ups during Creek Week.	2.5.1 Sponsor a volunteer creek clean-up each fall, affecting a minimum of four watersheds. 2.5.2 Sponsor four beach clean-ups each year	County/CEC
1 - 5	2.6 Community meetings/forums	Community forums are held on a semi-annual basis.	Community forums will continue and will focus on water quality topics.	2.6.1 Sponsor a minimum of one community forum each year. 2.6.2 Document issues addressed and number of participants.	County
1 - 5	2.7 Water Quality Hotline	See Public Education and Outreach section			
5	2.8 Public Opinion Surveys	See Public Education and Outreach section			

2.0 Public Participation & Involvement

BMP 2.1. Establish Steering Committee					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	2.1 Establish Steering Committee	Ongoing stakeholder meetings are held monthly in South County	Establish North County Stakeholder Committee by advertising and contacting community groups.	2.1.1. Maintain South County Stakeholder Committee 2.1.2. North County Stakeholder Committee meeting bi-monthly by end of year 1. 2.1.3. Stakeholder committees review SWMP annual reports.	County/regional partners

2.1.1 Measurable Goal: *Maintain South County Stakeholder Committee.*

Status: PCW has maintained the South County Stakeholder Committee.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: PCW will continue to maintain the south County Stakeholder Committee.

2.1.2 Measurable Goal: *North County Stakeholder Committee meeting bi-monthly by end of year 1.*

Status: PCW has formed a North County Committee composed of Orcutt area interests and in conjunction with other North County permittees. The North County Committee met three times in Year 1: September 2006, January 2007, and April 2007. Quarterly meetings are planned for Year 2. Starting January 2007, meeting agendas and minutes were posted at http://www.sbprojectcleanwater.org/stakeholder_agendas.html. See Appendix for summary of all Stakeholder meetings.

Effectiveness: Implementation of this program element was changed from bi-monthly to quarterly meetings to match the frequency of South County Stakeholder meetings. The quarterly meeting schedule was begun in Year 1.

Proposed Modifications: The County proposes to hold North County stakeholder meetings quarterly (see discussion in BMP 2.2 below).

Planned Year 2 Activities: PCW will hold North County Stakeholder meetings on quarterly basis to match the frequency of meetings on the South County.

2.0 Public Participation & Involvement

2.1.3 Measurable Goal: *Stakeholder committees review SWMP annual reports.*

Status: Review of the Year 1 annual report by stakeholders was held in August and September 2007. A draft of the annual report was posted online and e-mail notification was sent to the Stakeholder committees on August 24. A public workshop was held in Solvang on September 6. No stakeholders attended. Comments on the draft report were accepted through September 10.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: PCW will involve Stakeholder committee review of the Year 2 Annual Report.

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BMP 2.2. Regular Public Meetings					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006-2007	2.2 Regular Public meetings	Ongoing stakeholder meetings are held monthly in South County. Public forums are held semi-annually.	Establish separate City stakeholder committee by advertising and contacting community groups.	2.2.1. Continue meetings of the Stakeholder Committee, alternating north and south County committee meetings bi-monthly. 2.2.2. Advertise to increase attendance to committee meetings. Contact committee members in person to encourage their participation and to determine what would make the meetings worth attending. 2.2.3. Organize and facilitate regular working group meetings to engage local agencies and organizations on ongoing mutual issues (e.g., funding, direction of public education efforts and targeted information campaigns, emerging issues). 2.2.4. Document attendance at stakeholder meetings. 2.2.5. Hold public forums at least once/year on relevant water quality topics.	County/regional partners

2.2.1 Measurable Goal: *Continue meetings of the Stakeholder Committee, alternating north and south County committee meetings bi-monthly.*

Status: PCW held four Stakeholder meetings in South County and three in North County in Year 1. Three of the four meetings were workshops to discuss elements of the SWMP and the County’s Post-Construction Program and Development Review procedures.

2.0 Public Participation & Involvement

Meeting Date	Location	Topic	Attendance
July 20, 2006	South County	RWQCB Hearing and FY 06-07 Implementation	15
Sept 21, 2006	South County	County Land Use Policy	20
Sept 28, 2006	North County	County Land Use Policy	12
Jan 18, 2007	South County	Stormwater Ordinance	16
Jan 25, 2007	North County	Stormwater Ordinance	5
April 19, 2007	South County	County's Development Review Process	14
April 26, 2007	North County	County's Development Review Process	15

Instead of alternating the meetings every other month between north and south, the meetings were instead scheduled in the same month one week apart so that the groups could provide contemporaneous comment on a given project or emerging issue highlighted on the agenda. Although the meeting schedule format was changed from the way it's described in the Measurable Goal, the overall number of meetings remains the same.

Effectiveness: Implementation of this measurable goal was in accordance with the Storm Water Management Program, although modified slightly to better fit the needs of the program.

Proposed Modifications: The County proposes to change the wording used for this measurable goal, so that it better meets the needs of our stakeholders for consistent and meaningful involvement with the Project Clean Water program. Instead of "alternating north and south County committee meetings bi-monthly" we proposed to hold "quarterly" meetings in both north and south County. Overall, this schedule results in the same outcome: eight meetings per year, four in the north, four in the south.

Planned Year 2 Activities: As in Year 1, PCW will hold four meetings each (quarterly) in South and North County in Year 2

2.2.2 Measurable Goal: *Advertise to increase attendance to committee meetings. Contact committee members in person to encourage their participation and to determine what would make the meetings worth attending.*

Status: The Stakeholder meetings and included workshops were advertised via e-mail, through flyers sent to engineering and development firms, and through postings on community calendars in local publications and on the radio. The ordinance workshop was advertised in the Santa Barbara News Press and Santa Maria Times. Additional flyers for the April post-construction workshop were sent to the Homebuilders Association, CELSOC members, and APWA Central Coast members. All agendas, including workshop schedules, were also posted on the PCW website. PCW followed up with contacts made at the first post-construction workshop in September to personally invite participants to attend the second workshop in April.

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Effectiveness: This program element raised awareness about PCW stakeholder meetings. Attendees included visitors that saw the newspaper advertisements and members of the development community who received flyers.

Proposed Modifications: None.

Planned Year 2 Activities: . PCW will continue to advertise to increase attendance.

2.2.3 Measurable Goal: *Organize and facilitate regular working group meetings to engage local agencies and organizations on ongoing mutual issues.*

Status: PCW organized and facilitated meetings with four working groups in Year 1. The working groups met on the topics of youth education, education to underserved communities, the Watershed Resource Center, and developing a storm water survey.

Working Group	Number of Meetings	Groups in Attendance at Least Once
Youth Education	2	PCW, Art From Scrap, SB Channelkeeper
Education to Underserved Communities	1	PCW, SB Housing Authority, Agua Pura, Youth CineMedia, City of Santa Barbara
Watershed Resource Center	4	PCW, Art From Scrap, City of Santa Barbara, SB Channelkeeper, CEC
Storm Water Survey	2	PCW, Supervisor Wolf's Office, SB Channelkeeper

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: Working groups will continue to meet to discuss emerging issues.

2.2.4 Measurable Goal *Document attendance at stakeholder meetings.*

Status: Total attendance for the year was 91 persons.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: Attendance at Stakeholder meetings will be documented.

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2.2.5 Measurable Goal: *Hold public forums at least once per year on relevant water quality topics.*

Status: A public forum was held in October 2006 as part of Creek Week. The forum topic was focused on describing to the public the results of local water quality sampling and the pollutants that have been detected in County creeks and at beaches. Fifty community members attended.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: A public forum will be planned during Creek Week in October 2007.

BMP 2.3 Coordination Among Agencies					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Coordination among agencies	Ongoing	The Intergovernmental Committee meets quarterly, and the California Storm Water Quality Association meets bi-monthly.	2.3.1. Continue to convene/ attend meetings. 2.3.2. Document attendance and actions.	County/regional partners

2.3.1 Measurable Goal: *Continue to convene/attend meetings.*

Status: The County continued to organize and attend quarterly intergovernmental meetings.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: Intergovernmental Committee meetings will continue to be scheduled throughout Year 2.

2.3.2 Measurable Goal: *Document attendance and actions.*

Status: Four meetings were held in Year 1 with a total of 26 attendees.

A number of cooperative efforts came out of this year's meetings and other communication between PCW and other agencies. In spring 2007, PCW contacted UCSB about an ongoing problem with trash near Devereux Slough. PCW assisted with organizing a clean-up of the small litter items, and UCSB Facilities came out to remove

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large debris and trim trees. UCSB is working on a longer term solution for this problem area. In February, PCW worked with the City of Santa Maria's storm water program to introduce them to the Our Water Our World Program and assist them in planning visits to stores in the Santa Maria area. In March, PCW organized an informational table on integrated pest management at OSH in Goleta in collaboration with the UC Cooperative Extension and the City of Goleta. At the April intergovernmental meeting, City of Santa Maria staff brought up the issue of polluted flood control channels in Santa Maria and requested the assistance of the county. Following the meeting, County Flood Control removed large debris from one particular problem channel, and PCW and the City co-hosted a community clean-up to rid the channel of the smaller debris. This effort has led to planning a larger clean-up event in Santa Maria and Orcutt during Pollution Prevention Week in September 2007. Throughout FY 06-07, PCW worked with the Carpinteria Unified School District to ensure the continuation of storm water education for the District's students, a population that includes a number of children who live in unincorporated areas. Finally, an ongoing area of coordination is in the development of a County Green Business Program. PCW is working to secure the involvement of the various storm water programs in the County.

PCW regularly collaborates with the cities of Goleta, Santa Barbara, and Santa Maria on storm water public service announcements and event planning.

PCW staff participated in monthly CASQA conference calls in Year 1. A PCW staff person serves as the vice chair of the NPDES Phase II subcommittee.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Continuation of intergovernmental meetings is appropriate for coordinating among the different storm water management programs in the County. Local population perspectives and pollution sources vary across the County, and obtaining input from various agencies is useful in understanding these local differences. The intergovernmental meetings are appropriate venues for planning joint pollution reduction efforts.

Proposed Modifications: None.

Planned Year 2 Activities: Attendance will continue to be documented.

BMP 2.4. Volunteer Water Quality Sampling					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Volunteer water quality sampling	Ongoing	Statewide Snapshot day provides regular volunteer water quality sampling opportunities.	2.4.1. Sponsor volunteer sampling a minimum of twice/year	County

2.4.1 Measurable Goal: *Sponsor volunteer sampling a minimum of twice/year.*

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Status: PCW organized or co-sponsored three volunteer water quality monitoring events in Year 1. One was held during Creek Week, another was joint with the Rincon Creek Watershed Council, and the third was in cooperation with Santa Barbara Channelkeeper. For the event with Channelkeeper, PCW took volunteers from the Isla Vista Teen Center to sample in the Devereux watershed. Also this year, PCW provided testing kits to the science lab teacher at Mount Carmel School in Montecito. A total of 31 people participated in water quality monitoring.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP. Volunteer sampling is appropriate for fostering involvement of South County communities and communities in the Santa Ynez Valley. It is a less applicable method for reaching community members in North County where runoff is directed into detention basins and most channels contain flow for a very limited number of months out of the year. In South County, storm water runoff is directed into neighborhood creeks where the effects can be monitored. Using simple kits, monitoring can help capture the effects of nutrient loading on dissolved oxygen levels. Nutrients are a pollutant of particular concern in some South Coast creeks.

Proposed Modifications: None.

Planned Year 2 Activities: PCW plans to organize or co-sponsor water quality monitoring events throughout the year.

BMP 2.5. Community Clean-ups					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006-2007	Community Clean-ups	The County sponsors creek clean-ups during Creek Week.	Continue sponsorship of creek clean-ups during Creek Week.	2.5.1. Sponsor a volunteer creek clean-up each fall, affecting a minimum of four watersheds. 2.5.2. Sponsor four beach clean-ups each year	County/CEC

2.5.1 Measurable Goal: *Sponsor a volunteer creek clean-up each fall, affecting a minimum of four watersheds.*

Status: Four creek clean-ups were conducted as a part of Creek Week in the fall of 2006: one at Mission Creek with Urban Creeks Council, one at San Jose Creek with City of Goleta, one at Hospital Creek with PCW, and one at Carpinteria Creek with Carpinteria Beautiful and the Carpinteria Creek Committee. PCW led three additional creek clean-ups at Devereaux, Turnpike bioswale, and the Bradley Channel in Santa Maria.

Effectiveness: This program element resulted in a decrease in pollutant loadings to creeks and the ocean. Volunteers removed large amounts of trash from the creeks, including hazardous electronic waste. Community clean-ups are an appropriate method for involving community members in the County's SWMP activities. Community

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members are typically enthusiastic about making a tangible difference in improving water quality.

Proposed Modifications: The County proposes to change the measurable goal to read “*Sponsor a minimum of four creek clean-ups per year.*” Rather than focusing on a large but diffuse clean-up in the fall during Creek Week, it would be more effective to have the flexibility to organize creek clean-ups as they are necessary and in watersheds where they are needed. This may mean that one watershed is continually targeted because it has an ongoing problem. Ongoing clean-ups there would involve local residents and draw attention to the problem, hopefully leading to changes in behavior.

Planned Year 2 Activities: PCW will be working with the City of Santa Maria to co-sponsor clean-ups in North County during Pollution Prevention Week in September 2007. The County plans to organize multiple clean-ups for California Coastal Cleanup Day and will host a creek clean-up during Creek Week in October.

2.5.2 Measurable Goal: *Sponsor four beach clean-ups each year.*

Status: The County sponsored 10 beach clean-ups, multiple California Coastal Cleanup Day clean-ups, and regular clean-ups in Isla Vista. Total participation in all County sponsored programs was 1,240. Of these volunteers, 40 participated in PCW clean-ups, 130 joined clean-ups sponsored by the County Parks Department, and 1,070 worked with Isla Vista Recreation and Park District (IVRPD).

County Public Works provides funding (1/3 of the total required) to support a full-time IVRPD staff person who runs an Adopt-A-Block volunteer program, organizing weekly and monthly clean-ups in Isla Vista and local beaches and mobilizing volunteers on an ongoing basis. Over 30 UCSB campus groups consistently participate in monthly community clean-ups through the Adopt-A-Block program. IVRPD also supervised community service workers assigned from Santa Barbara courts to assist with clean-up efforts.

Effectiveness: This program element resulted in a decrease in pollutant loadings to the ocean.

Proposed Modifications: None.

Planned Year 2 Activities: The County will sponsor four beach cleanups during Year 2.

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BMP 2.6. Community Meetings/Forums					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Year 1: 2006- 2007	Community meetings/forums	Community forums are held on a semi-annual basis.	Community forums will continue and will focus on water quality topics.	2.6.1. Sponsor a minimum of one community forum each year. 2.6.2. Document issues addressed and number of participants.	County

2.6.1 Measurable Goal: *Sponsor a minimum of one community forum each year.*

Status: PCW hosted one water quality forum in Year 1. The forum was co-sponsored by the City of Santa Barbara and was held during Creek Week in October 2007.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: PCW plans to hold another public forum during Creek Week in October 2007. PCW may seek grant funding to hold more frequent forums and host special guest speakers.

2.6.2 Measurable Goal: *Document issues addressed and number of participants.*

Status: The title of the Creek Week forum was “What’s in the Water?” and the topics addressed were regional water quality issues and water quality sampling results from Santa Barbara creeks and beaches. A special presentation was given on tracking sources of bacterial contamination. Fifty community members attended the forum.

Effectiveness: This program element was implemented in accordance with the NPDES permit provisions and the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: Issues and participants will be documented.

3.0 Illicit Discharge Detection & Elimination

Introduction

This minimum control measure of the Storm Water Management Program is designed to reduce pollutants in storm water runoff to receiving waters. It requires the development and implementation of a system to identify and eliminate sources of illicit discharge and illegal dumping. As per the General Permit requirements, and also using EPA guidance including the Illicit Discharge Detection and Elimination Guidance Manual for Program Development and Technical Assessments (Center for Watershed Protection, October 2004), the County has developed a program to identify and eliminate illicit discharges throughout the permit area. The program depends on a number of partners including the public, environmental groups, and other local agencies. The specific requirements for this system are described in detail below, followed by a discussion of the existing program, including measurable goals for evaluating effectiveness.

Summary Table 3-1 : Illicit Discharge Detection and Elimination and Measurable Goals

Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	3.1 Storm Sewer Mapping	Minimum requirements of storm sewer system have been mapped and surveyed by County Water Resources Division.	Utilize maps to track sources of illicit discharges.	3.1.1. Provide ongoing database maintenance and list all revisions in annual report. (years 1-5) 3.1.2. Make PDF files available by year 1	County Public Works
1-2	3.2 Storm Water Ordinance	Draft ordinance in circulation.	Comments or suggestions on draft ordinance will be reviewed by Project Clean Water staff.	3.2.1. Adopt and enforce ordinance by the end of Year 1. 3.2.2. Evaluate effectiveness of Storm Water Ordinance based on enforcement activities and abatement results. Make recommendations for improvement where inadequacies are identified; provide schedule or timetable to implement improvements (year 2).	County Public Works

Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
2-5	3.3 Storm Water Ordinance	Draft ordinance in circulation	Annual report will include enforcement activities and follow-up abatement results of all County agencies, including follow-up on referrals to other agencies or entities. Where inadequacies are identified, recommendations will be made with a schedule for implementation.	3.3.1. Evaluate effectiveness annually (years 2-5). 3.3.2. Recommend improvements and rectify inadequacies as appropriate (years 2-5)	County Public Works
1 - 5	3.4 Education & Outreach (see Section 1.0 Public Outreach & Education)	Brochures and posters are available in Spanish and English, and web site is established. Mutt mitt program in effect at County Parks and other open spaces. Recycling and collection program in effect.	Brochures provide info on how community members can prevent storm water pollution. Other outreach includes misc. alternative info sources, website, and public events.	3.4.1. Compile number of brochures and alternative information sources distributed, website hits, number of people attending public events (years 1-5). 3.4.2. Reach 15% of permit area annually (years 1-5). 3.4.3. Continue implementation and provide an annual summary of County Resource Recovery and Waste Management Division's existing recycling programs and household hazardous waste collection program (years 1-5).	County Public Works; Parks
1 - 5	3.5 Green Gardener Certification Program (see Section 1.0 Public Outreach & Education)	Over 500 gardeners trained to date, annual training in Spanish and English.	Continuation of program is contingent upon grant funding.	3.5.1. Train 100 gardeners annually. 3.5.2. Complete pilot water quality study 3.5.3. Obtain 25 customer surveys annually. 3.5.4. Seek additional grant funding. 3.5.5. Document number of graduates from Green Gardener Certification Program (years 1-5).	County Public Works/ program partners

3.0 IDDE

Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	3.6 Business Outreach (see Section 1.0 Public Outreach & Education)	Program focuses on restaurants, automotive services, mobile cleaners, and construction trades.	Written materials and posters are distributed to businesses, during complaint response, and at events. A Restaurant Recognition Award is presented quarterly.	3.6.1. Compile number of materials distributed annually. 3.6.2. Document number of commercial/business/industrial training workshops and number of attendees (years 1-5).	County Public Works
1 - 5	3.7 Mutt Mitts	The Parks and Public Works Depts. Provide mutt mitts at County parks and open spaces.	Continue to provide mutt mitts at County parks and open spaces.	3.7.1. Continue distribution of mutt mitts (years 1-5). 3.7.2. Document number of mutt mitts distributed annually at County parks and open spaces (years 1-5).	County Parks and Public Works

3.0 IDDE

Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	3.8 Spill & Complaint Response	Ongoing	Respond to complaints received through the water quality hotline, observations, and reports from field personnel.	<p>3.8.1. Respond to complaints of illicit/illegal discharge within 24 business hours of receiving the complaint, referral or notice.</p> <p>3.8.2. Document response to complaints, notices and referrals received.</p> <p>3.8.3. Respond to 100% of calls to County Departments within 24 hours. Complaints outside direct County jurisdiction are forwarded to appropriate regulatory agency responsible for elimination of illegal discharges. In such cases, County will verify course of action taken by the appropriate agency within three working days and maintain record of that outcome in the Project Clean Water database. Where the County of Santa Barbara has enforcement authority (i.e., Planning and Development, Solid Waste, Fire Department), County will respond directly and identify and control or eliminate illicit discharges.</p> <p>3.8.4. Review complaint response protocols on annual basis to assure that abatement and enforcement measures are being implemented. If shortcomings are identified, recommendations for improved protocols will be made.</p>	County Public Health and Public Works

3.0 IDDE

Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5 (ongoing)	3.9 Commercial/Industrial Facility Inspections	The Fire Department inspects and monitors regulated facilities for best management storage practices and spill response. County EHS performs routine inspections at all food facilities.	Fire Department shall continue to inspect and monitor all regulated commercial and industrial facilities that use, store, or generate hazardous materials/wastes. County EHS shall continue food inspection program that includes proper disposal of commercial wastes.	3.9.1 Reporting, recordkeeping, and referrals shall continue as directed under the current regulatory programs with designated state & local agencies.	County Fire Department
1 - 5	3.10 Illicit Discharge Field investigation & Abatement	Ongoing	Perform field investigations to identify and abate water quality problems.	<p>3.10.1. Inspect creeks twice annually to identify illicit discharges.</p> <p>3.10.2. Ensure conversion of failing septic systems under EHS criteria.</p> <p>3.10.3. Address deficiencies identified in septic system pumper reports.</p> <p>3.10.4. Eliminate 100% of all other illicit discharges reported to or discovered by County staff.</p>	County Public Health and Public Works

Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	<p>3.11 Establish and implement program to address potentially polluting businesses and operations that are not regulated or not otherwise inspected on a routine basis (i.e., food service inspections). Measurable goals will include annual routine inspection of 50% of the prioritized businesses and operations that may be sources of illicit discharges. Develop program by Year 1 and implement Year 2.</p>	Not implemented	<p>Develop and implement program addressing potentially polluting businesses and operations not otherwise regulated or inspected on routine basis. Develop program by Year 1; implement Year 2</p>	<p>3.11.1. Develop program (Year 1) 3.11.2. Establish measurable goals for implementation Measurable goals will include annual routine inspection of 50% of the prioritized businesses and operations that may be sources of illicit discharges. (year 1) 3.11.3. Implement program (Year 2)</p>	County Project Clean Water staff
2-5	<p>3.12 Establish and implement program to prevent ongoing recurrence of illicit discharges through sanctions and penalties applicable to those businesses and operators that have been inspected and previously cited (i.e., repeat offenders). Develop program by Year 2 and implement Year 3.</p>	Not implemented	<p>Establish program to prevent recurring illicit discharges. Develop program by Year 2; implement Year 3.</p>	<p>3.12.1. Develop program (Year 2) 3.12.2. Establish measurable goals for implementation (Year 2) 3.12.3. Implement program (Year 3)</p>	County Project Clean Water staff

BMP 3.1 Storm Sewer Mapping					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	3.1 Storm Sewer Mapping	Minimum requirements of storm sewer system have been mapped and surveyed by County Water Resources Division.	Utilize maps to track sources of illicit discharges.	3.1.1. Provide ongoing database maintenance and list all revisions in annual report. (years 1-5) 3.1.2. Make PDF files available by year 1	County Public Works

3.1.1 Measurable Goal: *Provide ongoing database maintenance and list all revisions in annual report.*

Status: The storm drain system facility map database has been maintained, but no revisions were made for this permit year.

Effectiveness: This measurable goal was implemented in accordance with the Permit Provisions and the Counties SWMP. The drainage facility maps have been maintained and updates will be made when necessary. The maps have proven a very useful tool when tracking down the source of illicit discharges. Often when a non-point source illicit discharge is discovered in the field, Project Clean Water staff refers to the storm drain facility maps to track them down. For instance a discharge was discovered in the Turnpike bioswale; utilizing the storm drain facility maps, staff tracked down the source upstream to a major grocery store and discovered they were hosing down food waste from the loading dock and dumpster area. This investigation resulted in subsequent enforcement action taken by County Environmental Health Food Service inspectors.

Proposed Modifications: Ongoing commitment to maintain drainage facility maps will continue; no changes to this measurable goal are recommended.

Planned Year 2 Activities: Continue to update and maintain storm drain maps.

3.1.2 Measurable Goal: *Make PDF files available by year 1*

Status: Completed; there are currently PDF files of the storm drain system maps available on the Project Clean Water website.

Effectiveness: This measurable goal was implemented in accordance with the Storm Water Management Program. The available data can be used to increase knowledge and awareness of the public storm drain system through the PDF files posted on the website. There is an average of 700 hits on the storm drain facility maps every week.

Proposed Modifications: This measurable goal was completed in Year 1; ongoing updates will continue.

Planned Year 2 Activities: This measurable goal was completed in Year 1. The PDF files will be updated whenever there are revisions to the maps as described in 3.1.1.

BMP 3.2 Storm Water Ordinance					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-2	3.2 Storm Water Ordinance	Draft ordinance in circulation.	Comments or suggestions on draft ordinance will be reviewed by Project Clean Water staff.	3.2.1. Adopt and enforce ordinance by the end of Year 1. 3.2.2. Evaluate effectiveness of Storm Water Ordinance based on enforcement activities and abatement results. Make recommendations for improvement where inadequacies are identified; provide schedule or timetable to implement improvements (year 2).	County Public Works

3.2.1. Measurable Goal: *Adopt and enforce ordinance by the end of Year 1.*

Status: The storm water ordinance was drafted during Year 1. The item was brought to the Board of Supervisors as an action to set hearings on June 5, 2007. The original date set for the first hearing was July 17, 2007. The item was postponed and rescheduled by the Board due to the unforeseen circumstance of the Zaca fire. At the time of this writing, the Board approved the ordinance on September 11th 2007 with a required second reading scheduled for September 25th 2007. Appendix 3A presents the Stormwater Ordinance hearing schedule with details.

Effectiveness: This measurable goal was implemented after June 30.

Proposed Modifications: None.

Planned Year 2 Activities: The adopted stormwater ordinance will be forwarded to RWQCB. The County will enforce the stormwater ordinance once it becomes effective.

3.2.2 Measurable Goal: *Evaluate effectiveness of Storm Water Ordinance based on enforcement activities and abatement results. Make recommendations for improvement where inadequacies are identified; provide schedule or timetable to implement improvements (year 2).*

Status: This measurable goal is to be implemented in Year 2.

Effectiveness: NA.

Proposed Modifications: No changes to this measurable goal are proposed.

Planned Year 2 Activities: See Measurable Goals 3.3.1 and 3.3.2.

3.3 Storm Water Ordinance					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
2-5	3.3 Storm Water Ordinance	Draft ordinance in circulation	Annual report will include enforcement activities and follow-up abatement results of all County agencies, including follow-up on referrals to other agencies or entities. Where inadequacies are identified, recommendations will be made with a schedule for implementation.	3.3.1. Evaluate effectiveness annually (years 2-5). 3.3.2. Recommend improvements and rectify inadequacies as appropriate (years 2-5)	County Public Works

3.3.1 Measurable Goal: *Evaluate effectiveness annually (years 2-5).*

Status: This measurable goal is to be implemented in Year 2.

Proposed Modifications: None are recommended.

Planned Year 2 Activities: Execution of the Storm Water Ordinance will be tracked through those cases where a Notice of Violation was sent to a property owner. In these cases, all subsequent follow-up, i.e. abatement activities, times of inspection, monitoring if any will be recorded and tracked.

3.3.2 Measurable Goal: *Recommend improvements and rectify inadequacies as appropriate (years 2-5).*

Status: This measurable goal is to be implemented in Year 2.

Proposed Modifications: None are recommended.

Planned Year 2 Activities: Evaluate effectiveness of Ordinance and make recommendations, if any.

3.4 Education & Outreach					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	3.4 Education & Outreach (see Section 1.0 Public Outreach & Education)	Brochures and posters are available in Spanish and English, and web site is established. Mutt mitt program in effect at County Parks and other open spaces. Recycling and collection program in effect.	Brochures provide info on how community members can prevent storm water pollution. Other outreach includes misc. alternative info sources, website, and public events.	3.4.1. Compile number of brochures and alternative information sources distributed, website hits, number of people attending public events (years 1-5). 3.4.2. Reach 15% of permit area annually (years 1-5). 3.4.3. Continue implementation and provide an annual summary of County Resource Recovery and Waste Management Division's existing recycling programs and household hazardous waste collection program (years 1-5).	County Public Works; Parks

3.4.1. Measurable Goal: *Compile number of brochures and alternative information sources distributed, website hits, and number of people attending public events (years 1-5).*

Status: See BMPs 1.2, 1.3, and 1.4 in Chapter 1 for Education and Outreach for detailed discussion of this measurable goal.

3.4.2 Measurable Goal: *Reach 15% of permit area annually (years 1-5).*

Status: See BMPs 1.2, 1.3, and 1.4 in Chapter 1 for Education and Outreach for detailed discussion of this measurable goal..

3.4.3 Measurable Goal: *Continue implementation and provide an annual summary of County Resource Recovery and Waste Management Division's existing recycling programs and household hazardous waste collection program (years 1-5).*

Status: See BMP 6.4.5 in Chapter 6 for Municipal Operations for detailed discussion of this measurable goal..

3.5 Green Gardener Certification Program					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	3.5 Green Gardener Certification Program (see Section 1.0 Public Outreach & Education)	Over 500 gardeners trained to date, annual training in Spanish and English.	Continuation of program is contingent upon grant funding.	3.5.1. Train 100 gardeners annually. 3.5.2. Complete pilot water quality study 3.5.3. Obtain 25 customer surveys annually. 3.5.4. Seek additional grant funding. 3.5.5. Document number of graduates from Green Gardener Certification Program (years 1-5).	County Public Works/ program partners

3.5.1. Measurable Goal: *Train 100 gardeners annually.*

Status: See BMP 1.8 in Chapter 1 Public Education and Outreach for detailed discussion of this measurable goal.

3.5.2 Measurable Goal: *Complete pilot water quality study*

Status: See BMP 1.8 in Chapter 1 Public Education and Outreach for detailed discussion of this measurable goal.

3.5.3. Measurable Goal: *Obtain 25 customer surveys annually.*

Status: See BMP 1.8 in Chapter 1 Public Education and Outreach for detailed discussion of this measurable goal.

3.5.4. Measurable Goal: *Seek additional grant funding.*

Status: See BMP 1.8 in Chapter 1 Public Education and Outreach for detailed discussion of this measurable goal.

3.5.5. Measurable Goal: *Document number of graduates from Green Gardener Certification Program (years 1-5).*

Status: See BMP 1.8 in Chapter 1 Public Education and Outreach for detailed discussion of this measurable goal..

3.6 Business Outreach					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	3.6 Business Outreach (see Section 1.0 Public Outreach & Education)	Program focuses on restaurants, automotive services, mobile cleaners, and construction trades.	Written materials and posters are distributed to businesses, during complaint response, and at events. A Restaurant Recognition Award is presented quarterly.	3.6.1. Compile number of materials distributed annually. 3.6.2. Document number of commercial/business/industrial training workshops and number of attendees (years 1-5).	County Public Works

3.6.1 Measurable Goal: *Compile number of materials distributed annually.*

Status: See BMP 1.11 in Chapter 1 Public Education & Outreach for detailed discussion of this measurable goal.

3.6.2 Measurable Goal: *Document number of commercial/business/industrial training workshops and number of attendees (years 1-5).*

Status: See BMP 1.11 in Chapter 1 Public Education & Outreach for detailed discussion of this measurable goal.

3.7 Mutt Mitts					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	3.7 Mutt Mitts	The Parks and Public Works Depts. Provide mutt mitts at County parks and open spaces.	Continue to provide mutt mitts at County parks and open spaces.	3.7.1. Continue distribution of mutt mitts (years 1-5). 3.7.2. Document number of mutt mitts distributed annually at County parks and open spaces (years 1-5).	County Parks and Public Works

3.7.1 Measurable Goal: *Continue distribution of mutt mitts (years 1-5).*

Status: This measurable goal has been implemented in accordance with the Permit Provisions of SWMP. County staff continues to distribute Mutt Mitts at all locations. This program was upgraded by the change to Bio Bags instead of Mutt Mitts. The Bio Bags are less expensive and biodegradable.

Effectiveness: Since the Mutt Mitt stations were installed in July 2002, over 95,000 Mutt Mitts have been utilized on the Atascadero bike trail. With the Mutt Mitts stations present at the 9 different entrances to the trail and Project Clean Water signs explaining about the program it is certain to have raised the awareness of the target audience. This program very likely changed the target audience's behavior as well as reducing the load of pollutants resulting from pet waste. Along with the Mutt Mitt stations, the Parks department has installed trash cans at each of the 9 stations. Marborg Industries disposes the trash along with all the pet waste free of charge. In addition to Project Clean Water's

efforts County Parks distributes Mutt Mitts to all county parks and many open spaces in county unincorporated areas.

Proposed Modifications: None

Planned Year 2 Activities: Continue distributing Mutt Mitts.

3.7.2 Measurable Goal: *Document number of Mutt Mitts distributed annually at County parks and open spaces (years 1-5).*

Status: The distribution of Mutt Mitts distribution has been documented and accounted for and will continue to be. For this permit year, the County distributed 339,072 Mutt Mitts with a cost of \$21,092.

Effectiveness: This measurable goal is effective in keeping track of the Mutt Mitt usage.

Proposed Modifications: Ongoing commitment to distribute and document the quantity of mutt mitts will continue; no modifications to the measurable goal are proposed.

Planned Year 2 Activities: Continue documentation of Mutt Mitt distribution

3.8 Spill Complaint and Response					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1 - 5	3.8 Spill & Complaint Response	Ongoing	Respond to complaints received through the water quality hotline, observations, and reports from field personnel.	<p>3.8.1. Respond to complaints of illicit/illegal discharge within 24 business hours of receiving the complaint, referral or notice.</p> <p>3.8.2. Document response to complaints, notices and referrals received.</p> <p>3.8.3. Respond to 100% of calls to County Departments within 24 hours. Complaints outside direct County jurisdiction are forwarded to appropriate regulatory agency responsible for elimination of illegal discharges. In such cases, County will verify course of action taken by the appropriate agency within three working days and maintain record of that outcome in the Project Clean Water database. Where the County of Santa Barbara has enforcement authority (i.e., Planning and Development, Solid Waste, Fire Department), County will respond directly and identify and control or eliminate illicit discharges.</p> <p>3.8.4. Review complaint response protocols on annual basis to assure that abatement and enforcement measures are being implemented. If shortcomings are identified, recommendations for improved protocols will be made.</p>	County Public Health and Public Works

3.8.1 Measurable Goal: *Respond to complaints of illicit/illegal discharge within 24 business hours of receiving the complaint, referral or notice.*

Status: All complaints, referrals and notices of illicit/illegal discharges are responded to with 24 business hours of receipt. See Appendix 3B. Usually, response is within an hour or two, since there are Project Clean Water staff available at all times during normal business hours.

Effectiveness: The implementation of this control measure exceeds the Permit Provisions and SWMP. Complaints that result in contact with the public or private businesses always result in discussions with the discharger, and distribution of water quality awareness brochures usually targeted at the specific type of illicit/illegal discharge or activity. This measurable goal results in a behavior change and resultant decrease in pollutant loadings to the storm drain system.

Proposed Modifications: Ongoing commitment will continue; no modifications are proposed.

Planned Year 2 Activities: A 24-hour response to all complaints will continue in Year 2.

3.8.2 Measurable Goal: *Document response to complaints, notices and referrals received.*

Status: Documentation of response to complaints has been implemented in accordance with the Permit Provisions and SWMP. The County responded to 73 complaints and discoveries for this permit year. Response and compliant response is maintained in the Project Clean Water Complaint and Discoveries database, and a summary is shown in Appendix 3B.

Effectiveness: This measurable goal was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: An ongoing commitment to document response to complaints, notices and referrals will continue; no modifications to this measurable goal are proposed.

Planned Year 2 Activities: Continue with documentation of response efforts by Project Clean Water staff.

3.8.3 Measurable Goal: *Respond to 100% of calls to County Departments within 24 hours. Complaints outside direct County jurisdiction are forwarded to appropriate regulatory agency responsible for elimination of illegal discharges. In such cases, County will verify course of action taken by the appropriate agency within three working days and maintain record of that outcome in the Project Clean Water database. Where the County of Santa Barbara has enforcement authority (i.e., Planning and Development, Solid Waste, Fire Department), County will respond directly and identify and control or eliminate illicit discharges.*

Status: 100% of calls have been responded to within 24 hrs. Complaints outside direct County jurisdiction are forwarded to appropriate regulatory agency within 24 hrs. Where those complaints were forwarded, staff always attempted to confirm receipt of the complaint within 24 hours. In cases where the agency didn't reply to such inquiries, (California Department of Fish and Game being an example) it was not always possible to verify the course of action taken within three business days. Nonetheless, the County does and will continue to make follow up requests of other agencies within three business days.

Effectiveness: This measurable goal was implemented in accordance with the County's Stormwater Management Plan.

Proposed Modifications: Ongoing commitment to respond to calls as described above will continue; no changes to this measurable goal are recommended.

New Planned Year 2 Activities: Continue with implementation of this measurable goal during Year 2.

3.8.4 Measurable Goal: *Review complaint response protocols on annual basis to assure that abatement and enforcement measures are being implemented. If shortcomings are identified, recommendations for improved protocols will be made.*

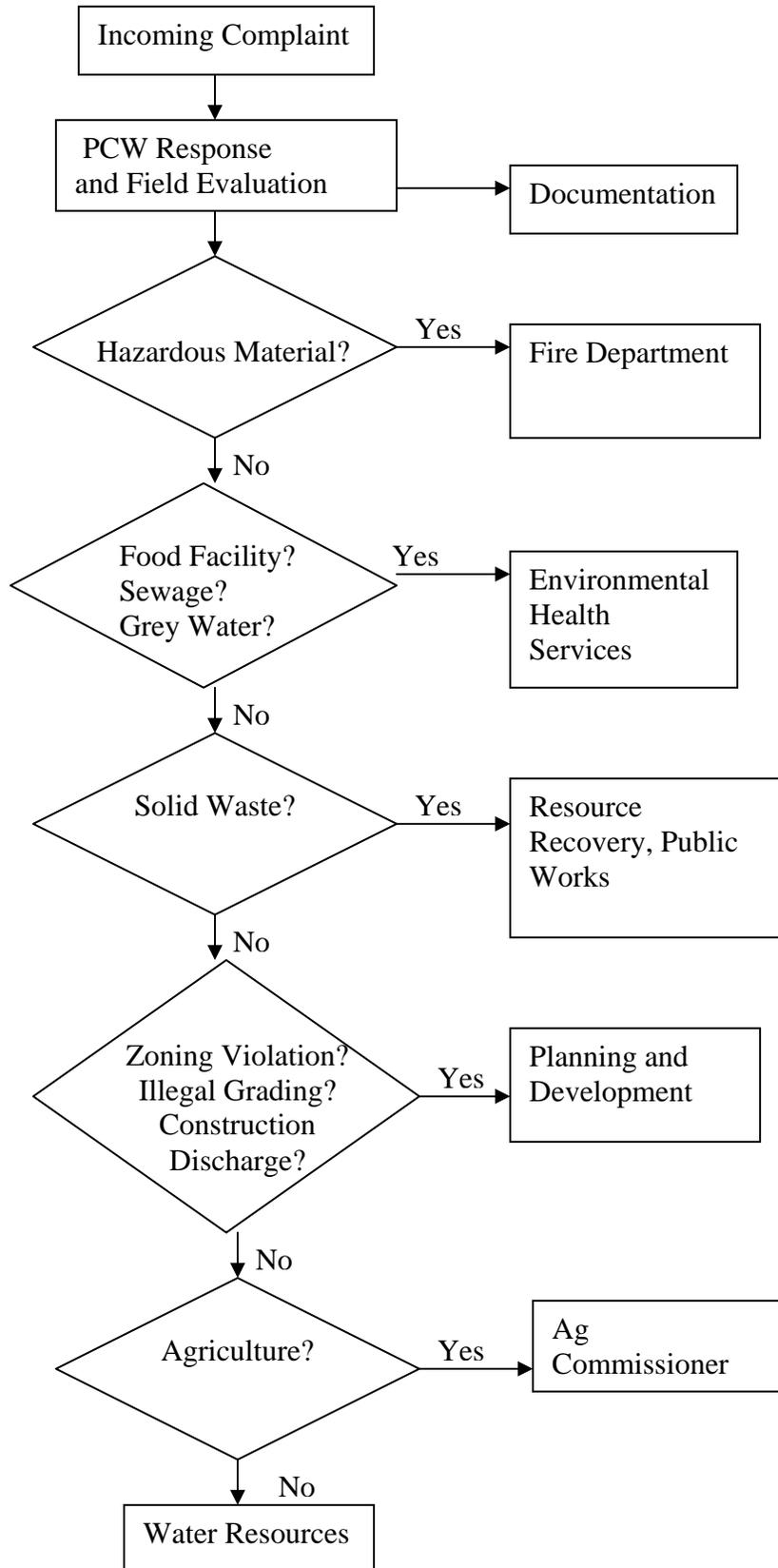
Status: This measurable goal is constantly addressed when ever complaints are tracked and recorded, on a case-by-case basis. Meetings with the City of Santa Barbara also took place to discuss and compare complaint response protocols. The main determination made through this process is that Project Clean Water’s efforts will be made more effective once the storm water ordinance is passed.

Effectiveness: This measurable goal was implemented in accordance with the County’s Stormwater Management Plan. Through Project Clean Water Staff meetings a complaint response protocol flow chart was develop to define how different complaints would be responded to.

Proposed Modifications: None

Planned Year 2 Activities: No Additional

Santa Barbara County Project Clean Water Complaint Response Protocol



3.9 Commercial/Industrial Facility Inspections					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5 (ongoing)	3.9 Commercial/Industrial Facility Inspections	The Fire Department inspects and monitors regulated facilities for best management storage practices and spill response. County EHS performs routine inspections at all food facilities.	Fire Department shall continue to inspect and monitor all regulated commercial and industrial facilities that use, store, or generate hazardous materials/wastes. County EHS shall continue food inspection program that includes proper disposal of commercial wastes.	3.9.1. Reporting, recordkeeping, and referrals shall continue as directed under the current regulatory programs with designated state & local agencies.	County Fire Department County EHS

3.9.1 Measurable Goal: *Reporting, recordkeeping, and referrals shall continue as directed under the current regulatory programs with designated state & local agencies.*

Status: Both County Hazardous Materials and Restaurant Inspection sections have state mandated reporting and recordkeeping standards which will be continued as directed. The reports that will be utilized for reporting the information from County Hazardous Materials are not available till after September 30th when they are due to the state for them to stay in compliance with their regulations. The section of this chapter in the County SWMP has had some editing done by the responsible parties in the County Hazardous Materials section as proposed changes to the supporting text of the SWMP. The changes are attached. (Appendix 3C)

Effectiveness: This measurable goal was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: This commitment for reporting and recordkeeping shall continue; no modifications are proposed.

Planned Year 2 Activities: Continue to request information from EHS and Hazmat in timely manner to incorporate into Year 2 report.

3.10 Illicit Discharge Field investigation & Abatement					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	3.10 Illicit Discharge Field investigation & Abatement	Ongoing	Perform field investigations to identify and abate water quality problems.	3.10.1. Inspect creeks twice annually to identify illicit discharges. 3.10.2. Ensure conversion of failing septic systems under EHS criteria. 3.10.3. Address deficiencies identified in septic system pumper reports. 3.10.4. Eliminate 100% of all other illicit discharges reported to or discovered by County staff.	County Public Health and Public Works

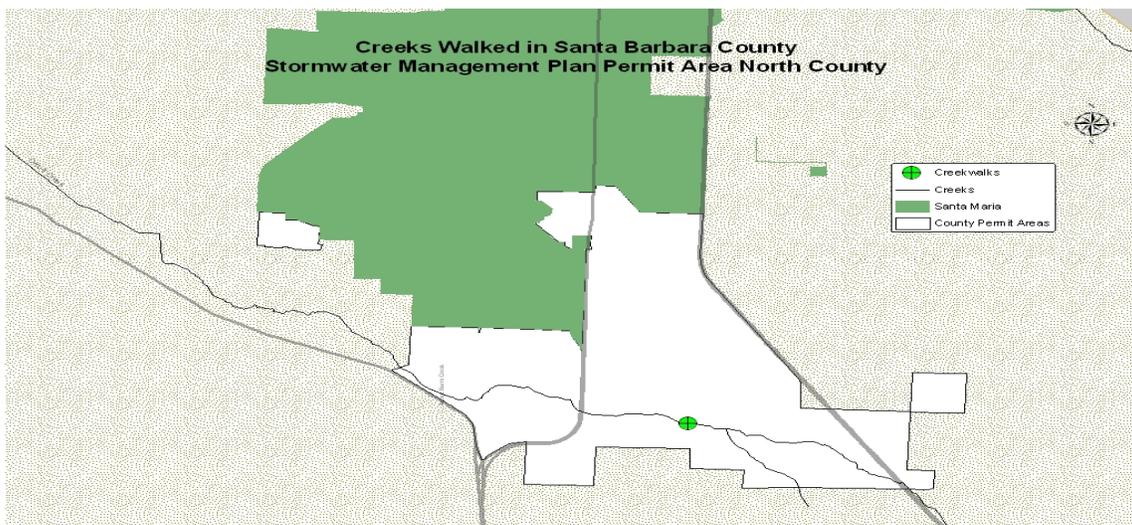
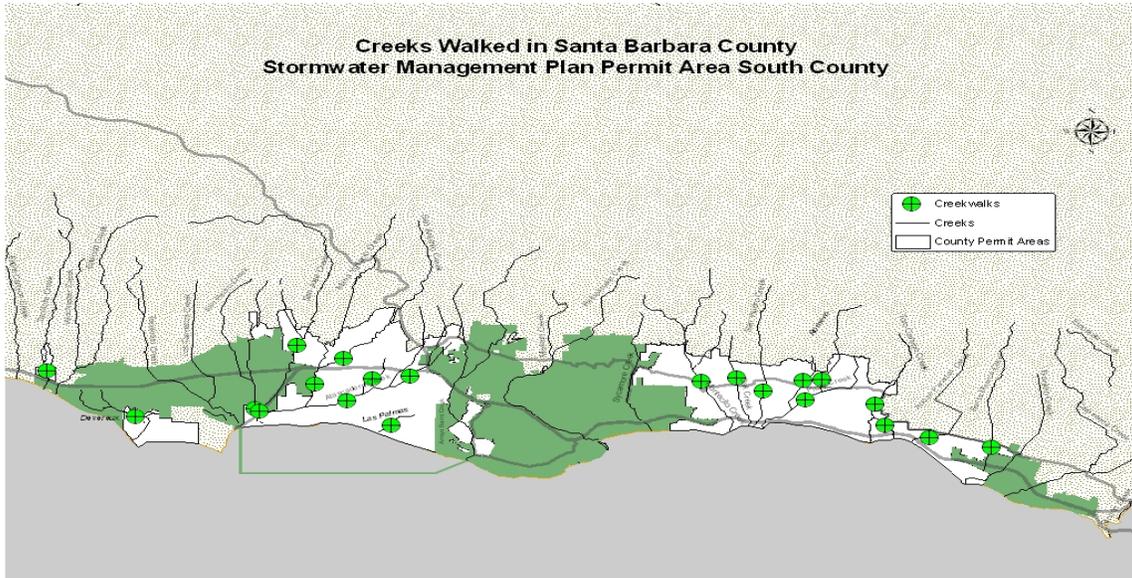
3.10.1 Measurable Goal: *Inspect creeks twice annually to identify illicit discharges.*

Status: Creeks within the permit area are walked within the permit-area boundaries by both Project Clean Water staff and Flood Control staff during the year. The following table documents the dates and discoveries, if found, during creek walks in Year 1.

Stream / Waterbody	*Date Walked	Discoveries	Comments
Alamo Pintado	4/17/07fc, 3/15/07pcw	None	
Arroyo Paredon	4/10/07fc, 7/8/06pcw	None	
Atascadero	3/21/07fc, 11/9/06pcw	None	
Buena Vista	3/28/07fc, 7/13/06pcw	None	
Carpinteria	3/20/07fc, 4/5/07pcw	None	
Cieneguitas	3/21/07fc, 11/30/06pcw	None	
Devereux	3/27/07fc, 10/5/06pcw, 11/1/06pcw	trash	Held creek clean up.
Garrapata	3/22/07fc, 12/8/06pcw, 1/25/07pcw	None	
Hot Springs	3/28/07fc, 8/24/06pcw	None	
Hospital	3/21/07fc, 11/9/06pcw	trash	Held creek clean up.
Las Palmas	11/16/06pcw, 4/12/07pcw	Dumped ash tray	
Las Vegas	4/6/07fc, 10/26/06pcw	Food Waste & Plaster	Source not found
Maria Ygnacio	4/10/07fc, 10/90/06pcw	None	
Montecito	4/20/07fc, 8/24/06pcw	None	
Oak	3/28/07fc, 9/20/06pcw	Mop Water f/restaurant	Complaint # 06-046
Orcutt /Orcutt	3/30/07fc, 3/15/07pcw	None	
Solmon			
Picay	3/27/07fc, 7/13/06pcw	None	
Rincon	12/7/06pcw, 4/5/07pcw	None	
Romero	4/18/07fc, 7/22/06pcw	None	
San Antonio	4/11/07fc, 12/7/06pcw	None	
South Coast			
San Jose	4/11/07fc, 11/1/06pcw, 4/12/07pcw	Homeless encampment	Service Master cleanup.

Stream / Waterbody	*Date Walked	Discoveries	Comments
San Pedro	4/6/07fc, 10/26/06pcw	None	
San Ysidro	4/18/07fc, 8/31/06pcw	None	
Santa Monica	7/8/06pcw, 4/5/07pcw	None	
Tecolote	4/10/07fc, 1/25/07pcw	None	
Toro Canyon	4/19/07fc, 12/8/06pcw	None	

*(fc = Flood Control, pcw = Project Clean Water)



Effectiveness: All illicit discharges and connections discovered during creek walks are addressed immediately and tracked through the complaints and discoveries database. (Appendix 3B). Where these are identified during creek walks, sources of pollutant loadings to the storm drain system are eliminated. In particular, the following creek cleanups were organized following observations of significant amounts of trash during creek walks (see also MCM 2.0 for creek cleanup activities):

- Hospital Creek
- Devereux Creek
- Turnpike bioswale
- Bradley Channel

Proposed Modifications: Ongoing commitment will continue; no modifications to this measurable goal are recommended.

Planned Year 2 Activities: Ongoing commitment to perform creek walks in unincorporated permit area will continue in Year 2.

3.10.2 Measurable Goal: *Ensure conversion of failing septic systems under EHS criteria.*

Status: This measurable goal tracks an ongoing program implemented by the County Environmental Health Services to inspect and require conversion of failing septic where a sanitary trunk line is within 200 feet, following Chapter 7 of the California Plumbing Code requirements. In Year 1, no septic systems were converted to sewer due to the lack of sewer availability to the properties involved.

Effectiveness: This measurable goal was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: Ongoing requirement will continue; no changes to this measurable goal are recommended.

Planned Year 2 Activities: Ongoing requirement will continue; any conversions that occur during Year 2 will be reported in the Year 2 Annual Report.

3.10.3 Measurable Goal: *Address deficiencies identified in septic system pumper reports.*

Status: When a septic system is serviced, county code requires that it be inspected and that the inspector file a report documenting the results of the inspection with Environmental Health Services. When an inspection report identifies deficiencies with the system, property owners are sent notices directing them to make necessary corrections within a specified time frame. Follow-up notices are sent if the property owner fails to comply as directed by the initial notice. Escalating enforcement action is implemented against property owners that fail to correct noted deficiencies.

Effectiveness: This program has been in very effective in identifying and addressing septic system deficiencies in the county.

Proposed Modifications: Ongoing requirements for EHS to address deficiencies in pumper reports will continue.

Planned Year 2 Activities: Ongoing commitment for EHS to address deficiencies in pumper reports will continue through Year 2.

3.10.4 Measurable Goal: *Eliminate 100% of all other illicit discharges reported to or discovered by County staff.*

Status: 100% of all other illicit discharges reported or discovered by County staff were documented as complaints or discoveries and treated in the same way being address within 24 hrs. This measurable goal is also addressed in BMP 3.8.

Effectiveness: This measurable goal was implemented in accordance with the Permit Provisions and SWMP.

Proposed Modifications: Ongoing commitment to eliminate illicit discharges reported or discovered by County staff will continue.

Planned Year 2 Activities: Ongoing activities to eliminate illicit discharges will continue and be reported during Year 2.

3.11 Business Facility Inspections					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	3.11 Establish and implement program to address potentially polluting businesses and operations that are not regulated or not otherwise inspected on a routine basis (i.e., food service inspections). Measurable goals will include annual routine inspection of 50% of the prioritized businesses and operations that may be sources of illicit discharges. Develop program by Year 1 and implement Year 2.	implemented	Develop and implement program addressing potentially polluting businesses and operations not otherwise regulated or inspected on routine basis. Develop program by Year 1; implement Year 2	3.11.1. Develop program (Year 1) 3.11.2. Establish measurable goals for implementation Measurable goals will include annual routine inspection of 50% of the prioritized businesses and operations that may be sources of illicit discharges. (year 1) 3.11.3. Implement program (Year 2)	County Project Clean Water staff

3.11.1 Measurable Goal: *Develop program (Year 1).*

Status: Complete. See program description in Appendix 3D.

Effectiveness: This measurable goal was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: This Measurable Goal was completed in Year 1; no changes are proposed.

Planned Year 2 Activities: Details of program implementation during Year 2 are contained in the report, see Appendix 3D.

3.11.2 Measurable Goal: *Establish measurable goals for implementation. Measurable goals will include annual routine inspection of 50% of the prioritized businesses and operations that may be sources of illicit discharges (Year 1).*

Status: Complete. See program description in Appendix 3D.

Effectiveness: This measurable goal was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: This Measurable Goal was completed in Year 1; no changes are proposed.

Planned Year 2 Activities: Details of program implementation during Year 2 are contained in the report, see Appendix 3D.

3.11.3 Measurable Goal: *Implement program (year 2)*

Status: To be implemented in Year 2.

Effectiveness: N/A

Proposed Modifications: No modifications are proposed.

Planned Year 2 Activities: Details of program implementation during Year 2 are contained in the report, see Appendix 3D.

3.12 Business Inspection Enforcement Program					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
2-5	3.12 Establish and implement program to prevent ongoing recurrence of illicit discharges through sanctions and penalties applicable to those businesses and operators that have been inspected and previously cited (i.e., repeat offenders). Develop program by Year 2 and implement Year 3.	Not implemented	Establish program to prevent recurring illicit discharges. Develop program by Year 2; implement Year 3.	3.12.1 Develop program (Year 2) 3.12.2. Establish measurable goals for implementation (Year 2) 3.12.3 Implement program (Year 3)	County Public Health and Public Works

3.12.1 Measurable Goal: *Develop program (Year 2)*

Status: To be implemented in Year 2.

Effectiveness: N/A

Proposed Modifications: No modifications are proposed.

Planned Year 2 Activities: Develop ongoing recurrent illicit discharge program.

3.12.2 Measurable Goal: *Establish measurable goals for implementation (Year 2)*

Status: To be implemented in Year 2.

Effectiveness: N/A

Proposed Modifications: No modifications are proposed.

Planned Year 2 Activities: Establish measurable goals for ongoing recurrent illicit discharge program.

3.12.3 Measurable Goal: *Implement program (Year 3)*

Status: To be implemented in Year 3.

Effectiveness: N/A

Proposed Modifications: No modifications are proposed.

Planned Year 2 Activities: To be implemented in Year 3.

4.0 CONSTRUCTION

Introduction

The purpose of construction site runoff control is to prevent soil and construction related waste from entering the storm drain system. Chapter 14 of County Code (Grading Ordinance) provides the foundation for implementing this Minimum Control Measure. The Grading Ordinance requires a permit for construction activities with 50 cubic yards or more of disturbance, including those projects greater than 1.0 acre. The Grading Ordinance includes mechanisms to ensure compliance with the Erosion and Sediment Control Plan, including Stop Work Orders and sanctions.

In addition to the Grading Permit, which is a ministerial permit, discretionary permits are also reviewed and conditioned by Planning & Development Department, Development Review. Chapter 35 of the County Code (Zoning) provides authority for additional conditions, monitoring, and enforcement on discretionary permits. This authority also provides opportunity to protect construction site runoff where the Grading Ordinance does not apply. For example, where a redevelopment project does not meet the 50 cubic yard threshold but is subject to a land use permit. In cases where both a grading permit and a discretionary permit apply, there are two divisions of the Planning and Development Department, Building and Safety (enforcing the Grading Ordinance) and Development Review (enforcing the Zoning Ordinance), responsible for monitoring and enforcement of construction-related BMPs.

Summary Table 4-1 Construction BMPs and Measurable Goals

(From Table 1-1 County of Santa Barbara Storm Water Management Program)

Year (s)	BMP	Current Status	Implementation Details	Measurable Goals	Implementing Entity
0	4.1 Grading Ordinance Revisions	Revisions adopted by Board of Supervisors in 2002.	Revisions include language linking the ordinance to NPDES Phase II regulations.	4.1.1. Completed; revisions facilitate implementation of BMPs below.	County Planning and Development Department
2-3	4.2 Evaluate Grading Ordinance Efficacy	Revisions adopted by Board of Supervisors in 2002.	Review and verify that implementation of the Grading Ordinance complies with the General Permit requirements of this MCM.	4.2.1. Compare Grading Ordinance to the Construction MCM and evaluate effectiveness (year 2). 4.2.2. If necessary, modify or revise Grading Ordinance (year 3)	County Planning and Development Department

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Year (s)	BMP	Current Status	Implementation Details	Measurable Goals	Implementing Entity
1-5	4.3 Erosion & Sediment Control Requirements; Control of Construction-Related Wastes	Requirement included in Grading Ordinance.	Erosion and Sediment Control Plan must be submitted and approved prior to construction. A SWPPP may be substituted if it meets the County's requirements.	4.3.1. Approval of an Erosion and Sediment Control Plan (or SWPPP, as appropriate) on 100% of projects.	County Planning and Development Department
1-5	4.4 Review of Plans, Receipt and Consideration of Information Submitted by the Public, and Site Inspection and Enforcement	Requirements included in Grading Ordinance. Information submitted by public also provided to Project Clean Water staff for appropriate referral.	Grading Ordinance provisions require plan review, site inspection, and enforcement at all permitted construction sites. Information submitted by the public is taken by PCW staff or P&D staff and addressed as appropriate. PCW information (complaints / discoveries) recorded.	4.4.1. Two inspections per month during rainy season on 1+ acre sites (years 1- 5). 4.4.2. Four inspections during non-rainy season (years 1 – 5). 4.4.3. Enforcement actions at 100% of sites where BMPs failed (years 1- 5). 4.4.4. Review and act on all info submitted by public to PCW concerning construction site activities within 24 hrs. 4.4.5. Review and act on all info submitted by public to B&S within three days. 4.4.6. Establish inventory of all sites with Grading Permits under active construction, and make that report available to the public if requested. Inventory will include the location and nature of construction activity, date permit was issued, date and nature of last inspection, date and nature of upcoming inspections, and status of violations and enforcement actions.	County Planning and Development Department; Project Clean Water staff.
0	4.5 Discretionary Projects - Land Use Permits	Land use policies and Standard Conditions include protection of resources during construction and controls for erosion and non-storm water discharges. See Appendix F4	In addition to ESCP required under Grading Ordinance, additional BMPs may be required such as restricted fueling areas, restricted maintenance of equipment, etc.	4.5.1. Completed; conditions will be applied as appropriate and BMPs evaluated for effectiveness (See Post-Construction MCM).	County Planning and Development Department & Project Clean Water

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Year (s)	BMP	Current Status	Implementation Details	Measurable Goals	Implementing Entity
2-3	4.6 Evaluate Land Use Permit Program Efficacy	Land use policies and Standard Conditions include construction site controls for erosion and non-storm water discharges. See Appendix F4	Results of an evaluation of the Land Use Permit program for construction BMPs will be reported to the Regional Board. Revisions will be made to meet or exceed the requirements of the General Permit Post-Construction Minimum Control Measures.	4.6.1. Compare to the requirements of the construction MCM and report on effectiveness (year 2). 4.6.2. Revise as necessary to meet or exceed all of the requirements of this MCM (year 3).	County Planning and Development Department & Project Clean Water
1-5	4.7 Staff Training	Specific training on storm water BMPs for construction	Staff will be trained in currently applicable regulations.	4.7.1. 100% annual training of grading inspectors (years 1-5). 4.7.2. 100% attendance at annual training of permit & review planning staff in selection & application of adopted standard conditions for construction related activities (year 2).	County Planning and Development Department & Project Clean Water
2-5	4.8 Construction Workshops	None	Develop BMP workshops for construction community. Augment with website information.	4.8.1. Develop workshop material for construction community (year 2). 4.8.2. Provide construction-related requirements on county website (year 1). 4.8.3. At least one public workshop on BMPs annually (years 2-5).	County Planning and Development Department & Project Clean Water

4.0 Construction

BMP 4.1 Grading Ordinance Revisions					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
0	Grading Ordinance Revisions	Revisions adopted by Board of Supervisors in 2002.	Revisions include language linking the ordinance to NPDES Phase II regulations.	4.1.1 Completed; revisions facilitate implementation of BMPs below.	County Planning and Development Department

4.1.1 Measurable Goal: *Completed; revisions facilitate implementation of BMPs below.*

Status: The Grading Ordinance was revised on October 1, 2002 by the County Board of Supervisors. Revisions to the grading ordinance were made to address NPDES Phase II regulations by expanding requirements for construction-related disturbance of one or more acres and enhancing grading permit plan check and site inspection practices applicable for regulated development. For a summary of these revisions, and a copy of the Grading Ordinance, see the Storm Water Management Program.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: This BMP is complete; no modifications are proposed.

Planned Year 2 Activities: No additional activities are proposed for this BMP. It is complete (Year 0). Additional evaluation of the effectiveness is presented in BMPs 4.2 and 4.3.

BMP 4.2 Evaluate Grading Ordinance Efficacy					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
2-3	Evaluate Grading Ordinance Efficacy	Revisions adopted by Board of Supervisors in 2002.	Review and verify that implementation of the Grading Ordinance complies with the General Permit requirements of this MCM.	4.2.1 Compare Grading Ordinance to the Construction MCM and evaluate effectiveness (year 2). 4.2.2 If necessary, modify or revise Grading Ordinance (year 3)	County Planning and Development Department

4.2.1 Measurable Goal: *Compare Grading Ordinance to the Construction MCM and evaluate effectiveness (year 2).*

Status: To be completed in Year 2.

4.0 Construction

Effectiveness: NA.

Proposed Modifications: None.

Planned Year 2 Activities: See attached scope Appendix 4A. Note that scope addresses both evaluation of Grading Ordinance as well as evaluation of discretionary project review & enforcement (see BMP 4.6).

4.2.2 Measurable Goal: *If necessary, modify or revise Grading Ordinance (year 3).*

Status: To be completed in Year 3.

Effectiveness: NA

Proposed Modifications: None.

Planned Year 2 Activities: Results of the Year 2 evaluation will be used to develop recommendations for improvements, if any, to the construction program.

4.3 Control of Construction-Related Wastes					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	Erosion & Sediment Control Requirements; Control of Construction-Related Wastes (Enrichment/Low DO; Priority Organics; Sedimentation/Siltation; Unknown Toxicity; Heavy Metals)	Requirement included in Grading Ordinance.	Erosion and Sediment Control Plan must be submitted and approved prior to construction. A SWPPP may be substituted if it meets the County's requirements.	4.3.1 Approval of an Erosion and Sediment Control Plan (or SWPPP, as appropriate) on 100% of projects.	County Planning and Development Department

4.3.1 Measurable Goal: *Approval of an Erosion and Sediment Control Plan (or SWPPP, as appropriate) on 100% of projects*

Status: Complete. All permitted construction projects must have either an approved Erosion and Sediment Control Plan or, for those projects greater than 1.0 acre, a Storm Water Pollution Prevention Plan prepared under the requirements of the Construction General Permit (99-08-DWQ). In other words, a County-approved ESCP (or SWPPP) is required in order to be issued a Grading Permit. Therefore, 100% of all Grading Permits issued in Year 1 had either an ESCP or SWPPP approved. In Year 1, there were 306 Grading Permits issued and 306 ESCP's (or SWPPPs) approved. See Appendix 4B for the list of all active Grading Permits filed during Year 1.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program.

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Proposed Modifications: Ongoing requirements will continue; no changes are recommended.

Planned Year 2 Activities: Ongoing requirements will continue.

4.4 Review of Plans, Receipt and Consideration of Information Submitted by the Public, and Site Inspection and Enforcement					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	Review of Plans, Receipt and Consideration of Information Submitted by the Public, and Site Inspection and Enforcement / (Enrichment/Low DO; Priority Organics; Sedimentation/Siltation; Unknown Toxicity; Heavy Metals)	Requirements included in Grading Ordinance. Information submitted by public also provided to Project Clean Water staff for appropriate referral.	Grading Ordinance provisions require plan review, site inspection, and enforcement at all permitted construction sites. Information submitted by the public is taken by PCW staff or P&D staff and addressed as appropriate. PCW information (complaints / discoveries) recorded.	4.4.1 Two inspections per month during rainy season on 1+ acre sites (years 1- 5). 4.4.2 Four inspections during non-rainy season (years 1 – 5). 4.4.3 Enforcement actions at 100% of sites where BMPs failed (years 1-5). 4.4.4 Review and act on all info submitted by public to PCW concerning construction site activities within 24 hrs. 4.4.5 Review and act on all info submitted by public to B&S within three days. 4.4.6 Establish inventory of all sites with Grading Permits under active construction, and make that report available to the public if requested. Inventory will include the location and nature of construction activity, date permit was issued, date and nature of last inspection, date and nature of upcoming inspections, and status of violations and enforcement actions.	County Planning and Development Department; Project Clean Water staff.

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4.4.1 Measurable Goal: *Two inspections per month during rainy season on 1+ acre sites (years 1- 5).*

Status: Complete. Under BMP 6.1, the Grading Ordinance was modified so that Section 14-18 reads as follows:

Sec. 14 - 18. INSPECTIONS.

(8) Other inspections: In addition to the inspections above, such other inspections of any work to ascertain compliance with the provisions of this Chapter and other laws and regulations as may be required by the Director, including requirements of the NPDES permit of the County of Santa Barbara for its storm water discharges. A licensed landscape architect, qualified biologist, archeologist, agricultural advisor, or other qualified professional may be required to be present during inspections.

On construction sites of 1 acre or more, which are subject to NPDES regulations, county inspectors of the Planning and Development Department shall inspect for adequate installation and functionality of Best Management Practices (BMPs) prescribed by the Storm Water Pollution Prevention Plan (SWPPP), at any time throughout the year. County inspectors may identify maintenance and repair needs on the site with the permittee, or permittee's agent, to ensure compliance with the minimum requirements of Best Management Practices.

During the rainy season (between November 1 and April 15), a minimum of two (2) county inspections per month shall be conducted on active projects with open grading which are subject to NPDES regulations. Reports of such inspections shall be kept with the grading permit file.

In Year 1, there were 43 active permits with construction activities were greater than one acre and where inspections occurred twice / month from Nov 1 through April 15. A list of these permits is shown below.

Grading Permits > 1.0 acre

North County	South County
1. 06GRD-00242	1. 07GRD-00108
2. 06GRD-00236	2. 07GRD-00021
3. 04GRD-00228	3. 07GRD-00088
4. 04GRD-00157	4. 07GRD-00058
5. 02GRD-00247	5. 07GRD-00059
6. 03GRD-00198	6. 07GRD-00232
7. 03GRD-00283	7. 06GRD-00064
8. 04GRD-00151	8. 05GRD-00082
9. 04GRD-00173	9. 05GRD-00244
10. 04GRD-00198	10. 05GRD-00021

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11. 04GRD-00047	11. 04GRD-00315
12. 05GRD-00152	12. 04GRD-00244
13. 06GRD-00003	13. 03GRD-00101
14. 06GRD-00037	14. 04GRD-00022
15. 06GRD-00051	
16. 06GRD-00087	
17. 06GRD-00122	
18. 06GRD-00250	
19. 06GRD-00110	
20. 06GRD-00111	
21. 06GRD-00180	
22. 05GRD-00255	
23. 05GRD-00177	
24. 06GRD-00139	
25. 05GRD-00215	
26. 07GRD-00028	
27. 06GRD-00049	
28. 06GRD-00258	
29. 06GRD-00060	

The dates of all inspections, including those where SWPPP requirements are inspected, are tracked by the Grading Inspectors. The inspection records for the permits shown above are in Appendix 4C.

In addition to inspections required under the Section 14-18 of the County Code by Building & Safety staff, Planning & Development Review staff has been performing Land Use Permit inspections at construction sites since Aug 2007. The purpose of the P&D inspections is enforcement of LUP conditions. Most discretionary projects are specially conditioned for erosion and sediment control measures as well as dust control measures, therefore it is a direct permit condition requiring enforcement and monitoring by County staff, especially in the winter time.

These inspections provide an additional opportunity for County staff, trained in the storm water permit regulations, to inspect for effective construction related BMPs and potential clean water violations.

There was an average of ten Land Use Permit inspections/week on construction sites.

Effectiveness: This BMP was implemented in accordance with the SWMP. There were no enforcement actions from development review staff during Year 1 related to water quality impacts from inadequate or failing water quality BMPs. There were no Notices of Violation issued by Grading Inspectors during Year 1.

Staff reports that construction site managers are responsive to recognized problems and able to address such issues immediately to avoid punitive action. Planning &

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Development Permit Compliance staff always notify Building & Safety inspectors in cases where corrective measures were required for clean water BMPs.

Staff recognize that it is difficult to verify effectiveness of this measurable goal based upon the inspection records shown in Appendix 4C. Record keeping to track inspection of construction BMPs-only was revised mid-year of Year 1. Inspectors began to separately track those inspections where BMPs were inspected vs. other inspections. In reality, inspectors are at the construction sites more than the required 2/mo during rainy season, thus there are many opportunities to inspect and correct failing BMPs. The challenge is tracking and recording such inspections in an otherwise extremely busy travel schedule. The County's software used for record keeping system is being revised to improve reporting during Year 2, and inspectors will continue to track construction BMP-related inspections. The improvements will better demonstrate compliance with this measurable goal, through better recordkeeping of current inspection activities.

Proposed Modifications: Ongoing local program for inspections will continue; no changes are recommended to this measurable goal.

Planned Year 2 Activities: During Year 1, the County modified the record keeping system to be able to report on active grading permits. The result of this new report format is shown in Appendix 4B. In order to better report the dates of inspections on those grading permits requiring bi-monthly rainy season inspections (>1.0 ac), staff will make improvements to the record keeping system to determine whether the projects greater than 1.0 acre can be tracked separately especially for purposes of inspection dates. This should make it easier to demonstrate the timing of those inspections for future Annual Reports. Also, inspectors will continue their effort that started during Year 1, to distinguish those inspections addressing ESCP or SWPPP requirements, vs. other inspections.

4.4.2 Measurable Goal: *Four inspections during non-rainy season (years 1 – 5).*

Status: Complete. County Code Section 14-18 includes the following required inspections, which would provide a minimum of seven opportunities during construction work for Building & Safety staff to inspect the site. Three of the inspections specifically target proper implementation of erosion and sediment control BMPs.

Section 14-18 reads as follows:

- (1) Initial inspection: when the permittee is ready to begin work, but before any grading or brushing is started; inspect and review erosion and sediment control BMPs with permittee.
- (2) Toe inspection: after the natural ground is exposed and prepared to receive fill, but before any fill is placed, review erosion and sediment control BMPs with permittee;

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- (3) Excavation inspection: after the excavation is started, but before the vertical depth of the excavation exceeds ten (10) feet;
- (4) Fill inspection: after the fill emplacement is started, but before the vertical height of the fill exceeds ten (10) feet;
- (5) Drainage device inspection: after forms and pipes are in place, but before any concrete is placed, inspect erosion and sediment control BMPs.
- (6) Rough grade inspection: when all rough grading has been completed;
- (7) Final inspection: when all work, including installation of drainage structures, other protective devices, planting and slope stabilization has been completed and the “as-graded” plan and required reports have been submitted to the Director and accepted as complete.

Effectiveness: The BMP was implemented in accordance with Storm Water Management Program. Records of the inspections are shown in Appendix 4B.

Proposed Modifications: Ongoing requirements will continue; no changes to this measurable goal are recommended.

Planned Year 2 Activities: During Year 1, the County modified the record keeping system to be able to report on active grading permits. The result of this new report format is shown in Appendix 4B. In order to better report the dates of inspections on those grading permits requiring bi-monthly rainy season inspections (>1.0 ac), staff will make improvements to the record keeping system to determine whether the projects greater than 1.0 acre can be tracked separately especially for purposes of inspection dates. This should make it easier to demonstrate the timing of those inspections for future Annual Reports. Also, inspectors will continue their effort that started during Year 1, to distinguish those inspections addressing ESCP or SWPPP requirements, vs. other inspections.

4.4.3 Measurable Goal: *Enforcement actions at 100% of sites where BMPs failed (years 1-5).*

Status: Complete. See Appendix 4B for a summary of all grading permits with notes indicating where enforcement occurred. There are no records of failed BMPs resulting in enforcement action. (“Enforcement” issues listed in 4 B address violations such as: expired permit, trailer onsite without permit, bluff work without coastal development permit, etc.)

Enforcement and interpretation of the provisions of the Grading Ordinance are authorized and directed by the Director of Planning and Development (14-31). Violations of the County Code allow the Director to stop work. In addition, the public may submit complaints through the existing Planning and Development process or Project Clean Water water quality hotline (see Section 1.2).

Enforcement carries the weight of a civil penalty. Sec. 14-33 of the Grading Ordinance states:

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(a) Any person, firm, or corporation, whether as principal, agent, employee or otherwise who shall commence, construct, enlarge, alter, repair or maintain any grading, excavation, or fill, or cause the same to be done, contrary to or in violation of any provision of this chapter is guilty of a crime. The offense may be filed as either an infraction or a misdemeanor at the discretion of the Santa Barbara County district attorney.

(b) If filed as an infraction and upon conviction thereof, the crime shall be punishable by a fine not to exceed one hundred dollars for a first violation; a fine not exceeding two hundred dollars for a second violation of the same ordinance within one year; and a fine not exceeding five hundred dollars for each additional violation of the same ordinance within one year.

(c) If filed as a misdemeanor, and upon conviction thereof, the punishment shall be a fine of not less than five hundred dollars nor more than twenty-five thousand dollars, or imprisonment in the county jail for a period not exceeding six months, or by both such fine and imprisonment.

(d) Any person violating any of the provisions of this chapter shall be guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of this chapter is committed, continued or permitted. (Ord. No. 4477, § 1)

Sec. 14-34. Injunction--Civil remedies and penalties--And costs.

(a) Any person, firm, or corporation, whether as principal, agent, employee or otherwise who shall commence, construct, enlarge, alter, repair, or maintain any grading, excavation, or fill or causes the same to be done, contrary to or in violation of any provision of this chapter, shall be subject to injunction against such activity and shall be liable for a civil penalty not to exceed twenty-five thousand dollars for each day that the violation continues to exist.

(b) When the director determines that any person has engaged in, is engaging in, or is about to engage in any act(s) or practice(s) which constitute or will constitute a violation of provisions of this chapter, or order issued, promulgated or executed hereunder, the district attorney or the county counsel may make application to the superior court for an order enjoining such acts or practices, or for an order directing compliance, and upon a showing that such person has engaged in or is about to engage in any such acts or practices, a permanent or temporary injunction, restraining order, or other order may be granted by a superior court having jurisdiction over the cause. In any civil action brought pursuant to this section in which a temporary restraining order, preliminary injunction or permanent injunction is sought, it shall not be necessary to allege or prove at any stage of the proceeding that irreparable damage will occur should the temporary restraining order, preliminary injunction, or permanent injunction not be issued, or that the legal remedies are inadequate.

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(c) Any person, firm, or corporation, whether as principal, agent, employee or otherwise who shall commence, construct, enlarge, alter, repair, or maintain any grading, excavation, or fill, or causes the same to be done, contrary to or in violation of any provision of this chapter shall be liable for and obliged to pay the County of Santa Barbara for all costs incurred by the county in obtaining abatement or compliance, or which are attributable to or associated with any enforcement or abatement action, whether such action is administrative, injunctive or legal; and for all damages suffered by the county, its agents, officers or employees as a result of such violation or efforts to enforce or abate the violation.

(d) In determining the amount of a civil penalty to impose, the court shall consider all relevant circumstances, including, but not limited to, the extent of the harm caused by the conduct constituting the violation; the nature and persistence of such conduct; the length of time over which the conduct occurred; the assets, liabilities and net worth of the persons responsible, whether corporate or individual; and corrective action taken by the persons responsible; and the cooperation or lack of cooperation in public efforts toward abatement or correction. (Ord. No. 4477, § 1)

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. There were no Notices of Violation and therefore no enforcement actions issued on any Grading Permit violations. Staff report that construction site managers are responsive to recognized problems with construction BMPs and are willing and able to address such issues immediately to avoid punitive action.

Proposed Modifications: Ongoing requirements will continue; no changes are recommended.

Planned Year 2 Activities: No additional activities proposed.

4.4.4 Measurable Goal: *Review and act on all information submitted by public to PCW concerning construction site activities within 24 hrs.*

Status: Complete. There were four incidents related to construction-related wastes reported directly to Project Clean Water. Of these, three were referred to B&S staff and one was referred to California Dept. Fish & Game. See Section 3.0 for more details on these and all complaints/discoveries from the Project Clean Water records.

Table 2 Construction-Related Complaints Project Clean Water Staff

Complaint	Discharge	Rec'd	Action Date	PCW Action	Follow-up
06-047	Construction runoff, no BMPs	10/12/06	10/12/2006	Forwarded to Grading Inspector	Distributed educational materials
06-048	Construction runoff, no BMPs	10/12/06	10/12/2006	Forwarded to Grading Inspector	Distributed educational materials

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06-051	Concrete washout and dirt	11/15/06	11/15/2006	Spoke with contractors who will clean it up before the job is done.	Verified clean-up same day and distributed educational materials
07-019	Road grading, dirt in creek.	3/5/07	3/5/07	Checked it out, look ok to me. Forwarded it to Grading Inspector and he thought it looked ok just need to stabilize the bank. Forwarded it to CFG.	Went to site with Natasha and Dave Brown of CFGD + 2 people from NOAA 5/10/2007; they will follow through with enforcement.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: Ongoing commitment will continue; no changes recommended.

Planned Year 2 Activities: Continued activity.

4.4.5 Measurable Goal: *Review and act on all info submitted by public to B&S within three days*

Status: Complete. It is Building & Safety policy to respond to all complaints within three days. All complaints called into P&D and referred to Grading Inspectors become a mandatory inspection, and are inspected within 48 hours.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. Building & Safety does not record these referrals except by way of indicating where an inspection occurred, as shown in Appendix 4B Active Grading Permits.

Proposed Modifications: Ongoing requirement to implement policy will continue; no changes are recommended.

Planned Year 2 Activities: During Year 2, as part of the evaluation of the Grading Ordinance efficacy (BMP 4.6), the recordkeeping system for logging complaints to Building & Safety will be evaluated and possibly revised to track specific complaints and referrals provided by others.

4.4.6 Measurable Goal: *Establish inventory of all sites with Grading Permits under active construction, and make that report available to the public if requested. Inventory will include the location and nature of construction activity, date permit was issued, date and nature of last inspection, date and nature of upcoming inspections, and status of violations and enforcement actions.*

Status: Complete. County staff utilizes proprietary software called “Acella” software to track all aspects of an ongoing project. The data are made available to the public upon request. See Appendix 4B for an example of this report. The report was

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developed in January 2007 to include all permits issued (starting Jul 1, 2007) and: location and nature of construction activity, date permit issued, date of last inspection, date and nature of upcoming inspections, and status of violations and enforcement actions. Note that violations and enforcement in Year 1 did not concern construction related water quality BMPs.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. There was one request for this information made during Year 1 and no additional comments received.

Proposed Modifications: This BMP was implemented in Year 1, therefore no changes are recommended.

Planned Year 2 Activities: During Year 2, as part of the evaluation of the Grading Ordinance efficacy (BMP 4.6), the effectiveness of record keeping and reporting on records will be evaluated. Therefore, the report format may be modified to improve its effectiveness.

4.5 Discretionary Projects - Land Use Permits					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goal	Implementing Entity
0	Discretionary Projects - Land Use Permits (Enrichment/Low DO; Priority Organics; Sedimentation/Siltation; Unknown Toxicity; Heavy Metals)	Land use policies and Standard Conditions include protection of resources during construction and controls for erosion and non-storm water discharges. See Appendix F4	In addition to ESCP required under Grading Ordinance, additional BMPs may be required such as restricted fueling areas, restricted maintenance of equipment, etc.	4.5.1 Completed; conditions will be applied as appropriate and BMPs evaluated for effectiveness (See Post-Construction MCM).	County Planning and Development Department & Project Clean Water

4.5.1 Measurable Goal: *Completed; conditions will be applied as appropriate and BMPs evaluated for effectiveness (See Post-Construction MCM).*

Status: Complete. Prior to approval of the SWMP in July 2006, policy and conditions were revised to include protection of resources during construction and controls for erosion and non-storm water discharges..

Effectiveness: This BMP was implemented in accordance with the SWMP (Year 0). Under the category of discretionary project permitting, review of surface water quality issues occurs during (1) CEQA review and (2) as a part of planning review (Staff Report preparation) during which projects are evaluated for consistency with

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the County’s Comprehensive Plan policies and Zoning Ordinance requirements. CEQA review and policy consistency are presented in Appendix C.

Proposed Modifications: None. This is a Year 0 BMP and will be followed-up under 4.6 below.

Planned Year 2 Activities: See Appendix A and BMP 4.2.1.

4.6 Evaluate Land Use Permit Program Efficacy					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goal	Implementing Entity
2-3	Evaluate Land Use Permit Program Efficacy	Land use policies and Standard Conditions include construction site controls for erosion and non-storm water discharges. See Appendix F4	Results of an evaluation of the Land Use Permit program for construction BMPs will be reported to the Regional Board. Revisions will be made to meet or exceed the requirements of the General Permit Post-Construction Minimum Control Measures.	4.6.1 Compare to the requirements of the construction MCM and report on effectiveness (year 2). 4.6.2 Revise as necessary to meet or exceed all of the requirements of this MCM (year 3).	County Planning and Development Department & Project Clean Water

4.6.1 Measurable Goal: *Compare to the requirements of the construction MCM and report on effectiveness (year 2).*

Status: To be implemented Year 2.

Effectiveness: Not applicable.

Proposed Modifications: None.

Planned Year 2 Activities: See Appendix A and BMP 4.2.1

4.6.2 Measurable Goal: *Revise as necessary to meet or exceed all of the requirements of this MCM (year 3).*

Status: To be implemented Year 3.

Effectiveness: NA

Proposed Modifications: None

Planned Year 2 Activities: NA.

4.7 Staff Training					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	Staff Training / (Enrichment/Low DO; Priority Organics; Sedimentation/Siltation; Unknown Toxicity; Heavy Metals)	Specific training on storm water BMPs for construction	Staff will be trained in currently applicable regulations.	4.7.1. 100% annual training of grading inspectors (years 1-5). 4.7.2. 100% attendance at annual training of permit & review planning staff in selection & application of adopted standard conditions for construction related activities (year 2).	County Planning and Development Department & Project Clean Water

4.7.1 Measurable Goal: *100% annual training of grading inspectors (years 1-5).*

Status: There are five grading inspectors: two south county, one Buellton, one Orcutt, and one supervisor. All five attended two 8-hour workshops presented at the International Erosion Control Associations Annual Conference in Reno, Nevada in February 2007.

The topics of the two workshops were (1) Effective inspection programs for construction site run-off control and (2) Designing for effective sediment and erosion control on construction sites.

Effectiveness: The measurable goals for FY 06 were met. The training raised the target audience’s awareness of grading and erosion control.

Proposed Modifications: None.

Planned Year 2 Activities: The IECA conference is held annually throughout the country. Since the 2006 conference was held in Reno, the grading inspectors were able to make this event because it was in the western regional and travel expenses are low. However, the IECA conferences will not be an annual opportunity for County staff since they typically alternate between east coast and west coast. For example next year’s annual conference will be in Orlando, Florida. During Year 2, training will be obtained through appropriate resources including but not limited to: IECA web casts, occur in-house with local experts, in coordination with RWQCB staff as part of fall construction workshops, or a combination of various training opportunities.

4.0 Construction

4.7.2 Measurable Goal: *100% attendance at annual training of permit & review planning staff in selection & application of adopted standard conditions for construction related activities (year 2).*

Status: Not implemented (year 2 activity).

Effectiveness: NA.

Proposed Modifications: None

Planned Year 2 Activities: Planning and Development staff in the Development Review section will receive training appropriate to the construction related mitigation measures applied to discretionary projects. This may be included along with required training for the post-construction program (See BMP 5.5) or as a separate construction BMP training course. Training will address BMP requirements under both the County’s Grading Ordinance and the state NPDES Construction General Permit. Specific mitigation measures from “A Planners Guide to Conditions of Approval and Mitigation Measures” and their applicability will be reviewed. (Examples of the standard conditions to protect water quality during construction activities are shown in Appendix F4 of the Storm Water Management Program, see conditions 34, 40, 62, B, and P).

4.8 Construction Workshops					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goal	Implementing Entity
2-5	Construction Workshops / (Enrichment/Low DO; Priority Organics; Sedimentation/Siltation; Unknown Toxicity; Heavy Metals)	None	Develop BMP workshops for construction community. Augment with website information.	4.8.1 Develop workshop material for construction community (year 2). 4.8.2 Provide construction-related requirements on county website (year 1). 4.8.3 At least one public workshop on BMPs annually (years 2-5).	County Planning and Development & Project Clean Water

4.8.1 Measurable Goal: *Develop workshop material for construction community (year 2).*

Status: To be implemented Year 2.

Effectiveness: NA

Proposed Modifications: None.

Planned Year 2 Activities: As part of the Grading Ordinance / Land Use permit review of the construction MCM during Year 2, construction related training material

will be developed. Depending on the level of revisions proposed, for instance any revisions to the Grading Ordinance itself, workshops may be offered in Year 2. If workshops are not offered during Year 2, a schedule for such workshops will be developed during Year 2 as discussed in BMP 4.8.3.

4.8.2 Measurable Goal: *Provide construction-related requirements on county website (year 1).*

Status: Complete. The construction link on the Project Clean Water website was substantially updated in January 2007. Figure 4-1 shows the outline and content of the current website. The Project Clean Water brochure entitled A Guide for Construction Contractors is also on the website. The brochure is available in both Spanish and English.

Figure 4-1
Project Clean Water Construction Website
(<http://www.sbprojectcleanwater.org/construction.html>)

Construction

Development activity in Santa Barbara County must prevent sediment and other construction related pollutants from entering the storm drain. The County regulates discharges from construction activities through Planning & Development Department. The two primary regulatory mechanisms are Grading Permits and Land Use Permits.

Grading Ordinance

The Grading Ordinance (Chapter 14 of County Code, Ordinance No. 4477) addresses construction site runoff control and associated inspection and enforcement procedures under the Building and Safety Division of Planning and Development.

Under the Grading Ordinance, a ministerial permit is required when 50 cubic yards or more are graded.

The permit requires submittal of an Erosion and Sediment Control Plan (Section 14-29), or in the case where a project is also subject to General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit, 99-08-DWQ), a Storm Water Pollution Prevention Plan or SWPPP can be submitted instead.

The plan addresses pollution prevention from storm water runoff using erosion and sediment control measures, and from non-storm water discharges such as fueling, saw cutting, washing concrete or paints, etc.

Sites are inspected regularly to assure the BMPs in place are preventing pollutants from leaving the site (Section 14-18). Failure to implement BMPs may

result in a Stop Work Order and is punishable as an infraction or misdemeanor (Section 14-33) or as civil penalty (14-34).

[Appendix E - 2002 Revised Grading Ordinance](#)

Land Use Permits

The County's discretionary permit review process provides additional authority for regulating discharges associated with construction activity. Project conditions including monitoring and enforcement are provided through the County Zoning Ordinance and implementation of Comprehensive Plan policy. These apply in cases where the Grading Permit may not apply, for example redevelopment projects where land disturbance is less than 50 cubic yards.

The County's Comprehensive Plan provides policies to minimize grading and erosion during construction, limit grading on steep slopes, encourage good site design, require special provisions for disposal of construction wastes, provide development setback or buffers from creeks and streams, and to protect and restore sensitive habitats.

These implementation guidelines are presented in Appendix E & F of the SWMP.

[Appendix F1 - Policy Interpretive and Implementation Guidelines](#)

[Appendix F2 - CEQA Initial Study Checklist Revisions](#)

[Appendix F3 - Guidelines for Surface and Storm Water Quality](#)

[Appendix F4 - Revisions to a Planner's Guide to conditions of Approval and Mitigation Measures](#)

Resources for Construction Best Management Practices

The following resources are approved by the County for the proper design and installation of project-appropriate BMPs.

[CASQA Construction Handbook](#)

[Caltrans Storm Water Quality Manuals and Handbooks](#)

[California Fact Sheet on Low Impact Development](#)

Construction Debris Disposal

It is unlawful to dispose of construction debris into the storm drain or into a creek. This includes washing concrete, hosing off sediment-laden surfaces, discharges from saw cutting, etc. Make sure that any discharges are contained and disposed properly. For example, you can dig a depression and line with plastic to collect concrete wash water. Once the material is dry, the dried waste can be disposed along with other construction debris. Sweep up construction debris like concrete, stucco and mortar and [recycle it](#) or dispose of it at a designated facility.

Here are places you can take your construction wastes that have been swept or collected:

South Coast Disposal: [South Coast Recycling and Transfer Station](#)

North County Disposal: [City of Santa Maria Landfill](#)

The County’s Building & Safety website also provides information on the permit including grading permit submittal requirements, fees, and application/permit status. See Figure 4-2. Together, these two website provide guidance on the requirements for obtaining Grading Permits and complying with the clean water requirements.

Figure 4-2
Building & Safety Website
(<http://sbcountyplanning.org/building/index.cfm>)

Building & Safety

The Planning and Development Department Building & Safety Division's primary function is to provide reasonable controls and regulations that protect the citizenry and establish effective safeguards for the life, health and property equally throughout the unincorporated areas of Santa Barbara County. This is achieved through the application of uniform codes and standards that involve design, materials, construction, use, and occupancy of all buildings constructed within our jurisdiction. Building & Safety staff strive to implement these standards in a fair and consistent manner while encouraging an open communication process with the public we serve.

- [Counter Handouts](#)
- [Commercial Project Information](#)
- [Building and Grading Fees](#)
- [Permit Application Package](#)
- [Santa Barbara County Code \(Information Bulletins\)](#)
- [Residential Project Information](#)
- [Grading Information](#)
- [Permit Application Status](#)

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. The Project Clean Water website page for construction averaged 12 hits / week between January and July, 2007. Prior to January, there was no website information specific to construction activities and clean water on the Project Clean Water website. Building & Safety does not track the number of hits to their website.

Proposed Modifications: This BMP was implemented in Year 1; therefore no changes are recommended. However, a Year 2 activity to improve on the construction websites is discussed below.

4.0 Construction

Planned Year 2 Activities: Neither website provides guidance material on how to develop and implement an Erosion and Sediment Control Plan. Details of the Erosion and Sediment Control Plan are provided in Section 14-29 of the County Code. The Building & Safety website will be updated to make it easier for applicants to understand what is required in an Erosion and Sediment Control Plans for various types of grading activities and land development.

The requirements of an Erosion and Sediment Control Plan are outlined in Section 14-29:

(a) An erosion and sediment control plan shall be required as part of the grading plan requirements. The plan shall contain the applicable County approved Best Management Practices. The county may accept a SWPPP, prepared for the state, if it contains the requirements of the county's erosion and sediment control plan. The erosion and sediment control plan shall contain:

(1) A delineation and brief description of the proposed practices to retain sediment on the site, including sediment basins and silt traps, and a schedule for their maintenance;

(2) The location and a brief description of the surface runoff and erosion control practices to be implemented, including types and methods of applying mulches, hydro seeding, or other slope stabilization methods; construction material and waste management practices to be used, including temporary borrow and waste disposal areas, temporary debris and garbage disposal, and chemical/fuel storage areas.

(3) A brief description of the vegetative practices to be used, including types of seeds and the fertilizer and their application rates, dates of seeding and a schedule for maintenance and upkeep, including irrigation.

(4) A brief description of reasonable precautionary measures to ensure that vehicles do not track or spill earth materials into public streets and actions necessary to remove such materials if the materials are spilled or tracked.

(5) Drainage or erosion and sediment control plans shall include Best Management Practices for control of pollutants from onsite storm water discharges and non-storm water discharges, such as, the washout of excess construction materials, including but not limited to drywall, grout, gypsum, plaster, mortar and concrete. Water contaminated with wash-out pollutants shall be collected and controlled and shall be removed from the site.

It may be helpful to post several examples of complete submittals representing ESCPs submitted to the County on a variety of construction activities. ESCP's will vary widely depending on the type of construction activities.

4.0 Construction

4.8.3 Measurable Goal: *At least one public workshop on BMPs annually (years 2-5).*

Status: To be implemented in Year 2.

Effectiveness: NA

Proposed Modifications: None.

Planned Year 2 Activities: In October 2007, the Central Coast RWQCB will be sponsoring construction workshops with at least one in Santa Barbara County. County Project Clean Water staff will coordinate with CCRWQCB staff to help facilitate this workshop. The content of this workshop includes both classroom presentation on effective BMP selection and implementation, and a site visit to a construction site for field demonstration on BMP installation.

5.0 POST CONSTRUCTION

Introduction

Requirements of the Phase II General Permit pertaining to “post construction” measures (including Attachment 4) are implemented through the County’s process of regulating land use. Under state planning law and the California Environmental Quality Act, the County evaluates impacts from new development and redevelopment in Santa Barbara County and is authorized to regulate development to protect water quality through the County Comprehensive Plan and Zoning Ordinance. This regulatory process includes evaluation of impacts from development and is implemented through the review process to issue land use permits by the Planning and Development Department (P&D).

P&D implements this program through policy and California Environmental Quality Act review. Policy is implemented through:

- Interpretations and guidelines
- Land Use Development Code

California Environmental Quality Act review is implemented through:

- Initial study checklist
- Environmental Thresholds and Guidelines Manual
- Conditions of approval and mitigation measures to ensure that projects are consistent with key policies and address identified California Environmental Quality Act impacts.

P&D relies upon other County Departments and Divisions to review and enforce other laws and provisions, such as State Fire Code through Fire Department and local fire districts, Health & Safety Code through the Public Health Department, etc. In this way, the Public Works Department provides input to the County’s discretionary approval process through developed criteria for treatment of runoff from development. This input enables P&D to comply with Attachment 4(B(2(i))) of the General Permit for treatment control BMPs and Attachment 4(B(2(a))) for peak storm runoff discharge rates (see Appendix 5A).

Summary Table 5-1 Post Construction BMPs and Measurable Goals

(From Table 5-1 County of Santa Barbara Storm Water Management Program)

Year(s)	BMP	Current Status	Implementation Details	Measurable Goals	Implementing Entity
0	5.1 Update Land Use Policies	Updated policies adopted by Board of Supervisors in 2002.	Updated policies provide implementation framework for compliance with this MCM.	5.1.1. Completed	County Planning and Development Department

5.0 Post Construction

Year(s)	BMP	Current Status	Implementation Details	Measurable Goals	Implementing Entity
1-5	5.2 Implement Design Per this MCM	Design standards to protect water quality are required on all new and redevelopment projects through policy, CEQA, and Zoning Ordinances.	Treatment control BMPs are conditioned by Public Works; all other design standards are conditioned by P&D.	5.2.1. Apply standards to 100% of all applicable projects.	County Planning and Development Department
1-5	5.3 Evaluate Program Efficacy	Design standards to protect water quality are required on all new and redevelopment projects through policy, CEQA, and Zoning Ordinances.	Existing policies, procedures, and standard conditions used to protect water quality will be evaluated through comparison to the General Permit requirements including Attachment(4).	5.3.1. Compare existing policies, procedures, and std conditions to the General Permit Attachment(4) requirements (year 1). 5.3.2. If it is determined that changes need to be made to better comply with those requirements, then the relevant policy, procedures, or standard conditions will be developed or modified so that they meet or exceed all of the requirements in the General Permit including Attachment 4(B) (year 2).	Planning and Development Department; Public Works Department
1-5	5.4 Discretionary Permit Review Process: Project Evaluations	Water quality measures are identified during pre-application review, application submittal and review, CEQA review. Project implementation verified through construction monitoring and applicant reporting.	Discretionary projects will be monitored for compliance with water quality measures, and non-compliance may include a correction notice, stop work order, collection of any bonds, and establishing a time frame for developer to take corrective steps to resume work.	5.4.1. Annually evaluate 100% of all discretionary projects for compliance with water quality measures. 5.4.2. Take enforcement actions on all non-compliant conditioned projects.	County Planning and Development Department
1-5, incrementally	5.5 Staff Training	Permitting and review staff. hold regular staff training on multiple subjects, including compliance with NPDES Permit conditions. Training materials including videotape of one training class are available.	Training can be used to initiate new staff, and to provide updates on innovative site design for existing staff. Training is critical to successful implementation of this MCM.	5.5.1. Existing staff attend annual training, 75% of all planners in year 1. 5.5.2. Train 100% of all planners annually by year 2. 5.5.3. New staff: 100% attendance in annual training.	County Planning and Development Department & Project Clean Water

5.0 Post Construction

Year(s)	BMP	Current Status	Implementation Details	Measurable Goals	Implementing Entity
4-5	5.6 Incentive Program for Innovative Site Design	Storm water issues are not covered by existing incentive programs.	The incentive program will encourage site design that minimizes runoff, while also educating the design/construction community.	5.6.1. Incentive program established by year 3. 5.6.2. Establish annual award program in following year 4.	County Planning and Development Department & Project Clean Water

BMP 5.1 Update Land Use Policies					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
0	5.1 Update Land Use Policies	Updated policies adopted by Board of Supervisors in 2002.	Updated policies provide implementation framework for compliance with this MCM.	5.1.1 Completed	County Planning and Development Department

5.1 Measurable Goal: *Completed.*

Status: Complete. This BMP was implemented prior to approval of the SWMP. Table 1 lists the practices and policies that were reviewed and revised under this BMP. Except for the Land Use Development Code revisions shown in Figure 1 below, copies of these are in the Storm Water Management Program Appendices F & G.

Table 1 Updated Land Use Policies / Practices

Document	Updated On	Reference
Interpretive guidelines developed	Sept 2002	SWMP App F1
CEQA initial study checklist revised	Sept 2002	SWMP App F2
CEQA Guidelines (Santa Barbara County Environmental Thresholds and Guidelines Manual) revised	Sept 2002	SWMP App F3
Planner's Guide to Conditions of Approval and Mitigation Measures (Planning & Development)	Sep 2002*	SWMP App F4
Planner's Guide to Conditions of Approval and Mitigation Measures (Planning & Development)	Nov 2006	See attached Appendix 5B to this MCM
Standard Conditions of Approval / Water Quality BMPs developed (Public Works)	June 2004	SWMP App G
Land Use Development Code revised (35.30.180)	Jan 2007	See Below

5.0 Post Construction

SANTA BARBARA COUNTY CODE - CHAPTER 35 - COUNTY LAND USE & DEVELOPMENT CODE

Standards for All Development and Land Uses

35.30.180

- C. **Standards for storage areas.** All projects identified in Subsection B. (Applicability) above shall be required to provide solid waste areas specifically identified for the storage of both trash and recycling containers in compliance with the following.
1. **Functional use.** Solid waste enclosures shall be properly located, exterior of living space, for functional use by occupants and by the disposal and hauling companies providing collection services.
 2. **Size and location.** The exact size and location of the solid waste and recycling facilities storage areas shall be determined by the review authority on a case-by-case basis taking into account types and quantities of recyclable materials to be generated by the proposed land use and by the mode of collection.
 3. **Screening requirements.** Solid waste enclosures shall be constructed to be as inconspicuous as possible and, in accordance with Santa Barbara County Code Chapter 17; the contents of enclosures shall be screened from public view.
- D. **Solid Waste Management Plan.** A Solid Waste Management Plan shall be developed by the permittee as directed by the County Solid Waste Management Plan Guidelines, and may require review and approval by the Public Works Department prior to the issuance of building permits by the Department.

35.30.180 - Storm Water Runoff Requirements

- A. **Applicability.** The following development or redevelopment is subject to the requirement that project-appropriate controls are in place to prevent or minimize water quality impacts:
1. Residential subdivisions with 10 or more dwelling units.
 2. Commercial development of 0.5 acres or greater.
 3. Parking lots of 5,000 square feet or more or have 25 or more parking spaces and are potentially exposed to storm water runoff.
 4. Automobile repair shops.
 5. Retail gasoline outlets.
 6. Restaurants.
 7. One-family residences located on slopes of 20 percent or greater.
 8. Any new development or redevelopment exceeding one acre.
- B. **Processing.** No permit for any development listed in Subsection A. (Applicability) above, shall be approved except in compliance with the Comprehensive Plan, and the California Environmental Quality Act if applicable.

5.0 Post Construction

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: This BMP was completed in Year 1; no changes are recommended.

Planned Year 2 Activities: See BMP 5.3

BMP 5.2 Implement Design Standards					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	5.2 Implement Design Per this MCM	Design standards to protect water quality are required on all new and redevelopment projects through policy, CEQA, and Zoning Ordinances.	Treatment control BMPs are conditioned by Public Works; all other design standards are conditioned by P&D.	5.2.1 Apply standards to 100% of all applicable projects.	County Planning and Development Department

5.2.1 Measurable Goal: *Apply design standards to 100% of all applicable projects.*

Status: Complete. In Year 1, 464 Discretionary case applications were filed with P&D. During the same period, 233 Discretionary cases received final approval.

No. of Permits Reviewed / Permits Issued

Total discretionary case applications filed with P&D	1,464
Project Applications reviewed for treatment control BMPs	137
Applications with treatment control BMP Conditions	20
Projects approved with treatment control BMPs & recorded maintenance agreements	3
Applications reviewed by Flood Control*	228
Applications with Flood Control Conditions *	63
Projects approved with peak runoff detention BMPs & recorded maintenance agreements	10

* In addition to peak runoff, includes projects reviewed and conditioned for approval under Floodplain Management Ordinance (Chapter 15A) and Development Along Watercourses (Chapter 15B).

5.0 Post Construction

Planning & Development. As described in the Storm Water Management Program, it is the practice of P&D to review all discretionary projects and condition as appropriate for water quality measures. Applications for discretionary projects and some complex ministerial projects including those within designated Special Problems areas are also reviewed by other departments with land use authority such as Public Works. In particular, the County Public Works Department / Water Resources Division reviews projects applicable to the Attachment 4(b) Design Standards for Peak Storm Water Runoff Discharge Rates (Flood Control District) and for Structural or Treatment Control BMPs (Project Clean Water). See Appendices A and B for a copy of these conditions.

Discretionary projects that trigger the peak runoff requirements or the treatment control BMP requirements, including tract maps, lot line adjustments, tentative parcel maps, conditional use permits, development permits, are reviewed by the Subdivision Review Committee. Both Flood Control and Project Clean Water staff attend the Subdivision Review Committee meetings. This is a standing committee with meetings generally held twice per month. In Year 1, there were twenty-two Committee meetings.

Treatment Control BMPs. The following projects were conditioned for treatment control BMPs during Year 1:

**Table 2 Development Review Summary Report Year 1
(Jul 1, 2006 – Jun 30, 2007)**

Project Number	Project Name	Type
04CUP-00000-00056	Live Oak Shale	CUP
04CUP-00000-00058	Johnson Detached Residential Unit	CUP
06AMD-00000-00005	Cate School Facility Residences	AMD
06GPA-00000-00012	OSR Enterprises Inc.	RZN
06CUP-00000-00045	Estancia La Serena Equestrian Center	CUP
06DVP-00000-00012	Hope Community Church	DVP
06TRM-00000-00003	Centex Homes (No File Rec'd)	TRM
06DVP-00000-00016	Orcutt Union Plaza	DVP
06DVP-00000-00018	Stagestop Plaza	DVP
07DVP-00000-00001	Tropicana Gardens Parking Lot Annex	DVP
07TRM-00000-00001	SRI Two LLC (Mobile Home Park Low Density)	TRM
07DVP-00000-00009	Evergreen Shopping Center	DVP
07DVP-00000-00010	Dore Winery	DVP
07DVP-00000-00016	Mike Stoker	DVP
07CUP-00000-00044	Richards Holding Mining	CUP
07DVP-00000-00017	Miramar Hotel	DVP
03DVP-00000-00001	Lucas & Lewellyn Winery	DVP
07DVP-00000-00014	American Ethanol	DVP
06CDH—00000-00029	Padaro Lane SFR	CDH
06DVP-00000-00008	Orcutt Marketplace	DVP

The treatment control BMP requirements took effect on June 30, 2004. From June 30, 2004, until the beginning of Year 1 (Jul 1, 2006), an additional thirteen projects were conditioned. These include:

5.0 Post Construction

Development Review Summary Report – PRIOR TO YEAR 1 (Jul 1, 2004 – Jun 30, 2006)

Project Number	Project Name	Type
05CUP-00000-00004	Verne Thacker	CUP
05DVP-00000-00007	Better Cooling Development Plan	DVP
05SPP-00000-00001	Rancho Maria Estates	SPP
05SPP-00000-00002	English-Joseph Property Inv.	SPP
05SPP-00000-00003	Logue/Los Alamos Commons	SPP
00DVP-00000-06009	Orcutt Aquacenter Inc.	DVP
02DVP-00000-00037	Villas Affordable Housing	DVP
05DVP-00000-00010	Morhart Land Company	DVP
05TRM-00000-00002	Enchantment Homes	TRM
05DVP-0000000019	Saint Joseph Place	DVP
05DVP-00000-00023	Turnpike Shopping Center	DVP
TM 14484	Park Hill Estates	TM
99-DP-043	Botanic Garden	DVP

To date, only three projects have been approved by decision makers and submitted for Plan Check review by Clean Water staff. During Plan Check review, the conditioned requirements are verified so that construction may begin and a maintenance agreement is recorded. The projects that proceeded through Plan Check include: Better Cooling in Santa Maria, Thacker Veterinary Clinic (Lompoc) and Clubhouse Estates residential subdivision (Vandenburg Village). An example maintenance agreement is shown in Appendix 5C.

Better Cooling has been constructed. Project Clean Water staff made a site investigation to confirm installation of the water quality filters. This project uses commercial media filters in the drop inlets of a parking area. Also, a detention basin is located downstream of the filters which provides for storage of the 100-year storm event.

Thacker Veterinary Clinic has been constructed. Project Clean Water staff made a site visit to confirm installation of the water quality facilities. This project includes a bioswale and a commercial media filter. The maintenance agreement is pending.

Clubhouse Estates has not been constructed.

Flood Control. All discretionary projects reviewed by Flood Control for impacts due to peak runoff and mitigation required to offset impacts from increased runoff. The Flood Control District administers the following requirements: Floodplain Management Ordinance (SBCC Chapter 15(A)), development along watercourses (SBCC Chapter 15(B) Chapter 24-7), and the standard conditions of project plan approval shown in Appendix 5A. Any discretionary application that has a creek or in a flood area overlay is sent over by the application coordinator and the flood fee in the fee schedule is collected.

5.0 Post Construction

In Year 1, 228 cases were received and reviewed by Flood Control. Of these, 63 cases were approved through Plan Check.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: Ongoing requirements will continue; no changes to this BMP are recommended.

Planned Year 2 Activities: During Year 2, the standard conditions for treatment control BMPs will be updated to reflect recommendations discussed in BMP 5.3.1.

5.3 Evaluate Program Efficacy					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	5.3 Evaluate Program Efficacy	Design standards to protect water quality are required on all new and redevelopment projects through policy, CEQA, and Zoning Ordinances.	Existing policies, procedures, and standard conditions used to protect water quality will be evaluated through comparison to the General Permit requirements including Attachment (4).	<p>5.3.1. Compare existing policies, procedures, and std conditions to the General Permit Attachment (4) requirements (year 1).</p> <p>5.3.2. If it is determined that changes need to be made to better comply with those requirements, then the relevant policy, procedures, or standard conditions will be developed or modified so that they meet or exceed all of the requirements in the General Permit including Attachment 4(B) (year 2).</p>	Planning and Development Department; Public Works Department

5.3.1 Measurable Goal: *Compare existing policies, procedures, and std conditions to the General Permit Attachment (4) requirements (year 1)*

Status: Complete. In Aug 2006, the County retained a consultant team consisting of Wallace Group and Larry Walker & Associates to evaluate existing policies, procedures, and standard conditions required by the General Permit including Attachment (4). Appendix 5D includes a copy of that evaluation and associated documentation.

In addition to comparison to the General Permit requirements, the consultant team was asked to compare the County's programs to other representative municipal programs that have a good track record on their post-construction program. Also, the consultant team analyzed ways in which the County could encourage or incorporate Low Impact Development strategies into the development review process.

A number of workshops and presentations were provided in order to obtain input from interested stakeholders. Information on these workshops including presentation material and records of attendance are shown in Appendix E. A list of the meetings and their locations are summarized below.

5.0 Post Construction

Post-Construction Program Workshops and Presentation

Project Clean Water Stakeholders	Sept 19, 26, 2006	Santa Barbara, Santa Maria
Public Works Managers Meeting	Feb 8, 2007	Santa Barbara
Consulting Engineers and Land Surveyors (CELSOC) South Coast Committee.	March 1, 2007	Santa Barbara
Home Builders Association of the Central Coast	April 16, May 7, 2007	Santa Maria, Santa Barbara
Project Clean Water Stakeholders	April 19, 26, 2007	Santa Barbara, Santa Maria
American Public Works Association Luncheon	April 18, 2007	Buellton
Montecito Planning Commission	May 16, 2007	Santa Barbara
Board Architectural Review, South County	July 6, 2007	Santa Barbara
Planning Commission	July 25, 2007	Santa Barbara

Two additional workshops were hosted the County. These included a Low Impact Development Workshop 6/20/07 hosted by Project Clean Water and Filterra, presented by Larry Coffman. Also a workshop was held July 18 on Pervious Concrete. The workshop was sponsored by California Construction and Industrial Materials Association (Cal CIMA) and hosted by Project Clean Water at the Museum of Natural History. This workshop included an exam to certify attendees as a Certified Pervious Concrete Technician (CPCT). Additional workshops were held at various locations in southern California, including San Luis Obispo. County advertising for the event included an insert in the Santa Barbara Contractors Association newsletter (Jul 2007), an announcement in the Santa Maria Valley Contractors Association electronic newsletter.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. Through a series of workshops and presentations on the topic, implementation results in knowledge and awareness of the design/development community and decision makers.

5.0 Post Construction

The effectiveness of this BMP was evaluated by the consultant team; their report lists a wide range of opportunities for improvement.

Below are the revisions recommended as necessary in order to comply with the General Permit.

Compliance with General Permit Requirements

Recommendation	Status (see Appendix 5B)
Require stormwater diversion and roofing for outdoor material areas	Done. See WAT-24
Require stormwater diversion for trash storage areas	Done. See WAT-25
Clarify water quality and disposal requirements applicable to large commercial development maintenance bays, vehicle/equipment wash areas and loading docks,	Done. See WAT-26, WAT-27, WAT-28, WAT-29.
Clarify water quality and disposal requirements applicable to automotive repair shop maintenance bays, vehicle/equipment wash areas and loading docks,	Done. See WAT-26, WAT-27, WAT-29.
Document a process by which an applicant can obtain a waiver,	To be implemented Year 2.
Implement an alternative certification process	To be implemented Year 2.

The following tables list additional recommendations and opportunities for improvement. These tables summarize the report recommendations which can also be found in Appendix 5D.

The recommendations are grouped by the various stages of the review.

Opportunities to Improve – Staff Level, Short Term

Recommendation	Status
Address stormwater BMPs at all pre-application meetings for categorical projects listed in Attachment 4.	Ongoing. Identify improvements to assure pre-app meeting success during Years 2-5.
The preliminary site plan reviewed by all departments' must identify approximate areas reserved for post construction management BMPs and approximate ROW lines. Public and private facilities need to be clearly identified.	Complete. Site plans must include post-construction treatment control BMPs as appropriate prior to application completeness. See Nov 27, 2006 Memo from T. Fayram to P&D.
Ensure P&D counter staff consistently identifies and routes projects subject to additional storm water	Complete. Identify improvements to assure proper routing / fee collection for

5.0 Post Construction

Recommendation	Status
review to the Project Clean Water staff.	Project Clean Water review of treatment control BMPs.
<p>Redlines from one department can be in conflict with redlines received from another department (i.e. one department can request a BMP at a location that another department might object to). Inter- or intra-departmental comments should be compiled into a single set of redlines or otherwise coordinated (i.e., designated permit coordinator staff) and redistributed to appropriate staff when conflicts are identified. When conflicts occur and the applicant has been unable to resolve the issues independently, the Subdivision Review Committee (SDRC), a designated permit coordinate, and/or Planning and Development staff should meet to reconcile the discrepancy.</p>	<p>Complete. During FY 0607, Public Works developed a new position to provide coordination of permits through the development review process both internally, between Public Works Department Divisions (Flood Control, Clean Water, Roads, Traffic) and externally between the Public Works Department and the Planning & Development Department.</p> <p>The new dedicated permit coordinator improves the permit review process so that the applicant experiences a streamlined and consolidated set of requirements from the County as a whole. The coordinator assists in the expedition of permit processing, and looks for areas of process improvement. Extra attention is focused on permits that have become hindered by obstacles in the process. This position is held by Brett Stewart.</p>
<p>Sample operation and maintenance agreements should be available to the applicant for long term water quality BMPs and flow control facilities (swales and basins).</p>	<p>Done. See Appendix 5C for examples provided to applicants.</p>
<p>Ensuring maintenance for the life of the project is addressed in the CC&Rs, a special stormwater utility district, or other mechanism.</p>	<p>Done. All treatment control BMPs must have a Maintenance Agreement recorded between the property owner/manager and the County.</p>
<p>Definition of an inspection process to describe criteria and outcome of enforcement actions. Inspections include P&D permit compliance staff, building inspectors, and as appropriate, staff from other divisions (Public Works, Fire, Public Health, etc.).</p>	<p>To be described in Year 2.</p>
<p>A formal inspection and review process should be documented and include standardized inspection forms, inspector “certification” requirements and examples of citation letters.</p>	<p>To be developed Year 2.</p>
<p>Creation of Stormwater Special Maintenance District which could be retained to perform stormwater</p>	<p>To be addressed Year 2.</p>

5.0 Post Construction

Recommendation	Status
maintenance for HOAs, businesses, etc	

Opportunities to Improve – Staff

Recommendation	Status
Replace all “If feasible”, “to maximum extent practicable” and “should” terminology in the Planner’s Guide to Conditions of Approval and Mitigation Measures with “must apply per our NPDES permit	To be addressed Year 2.
Identify mandatory standard water quality conditions of approval (i.e., Attachment 4(B)) vs. other conditions that protect water quality but are not mandatory (i.e., direct roof downspouts to landscaped area) to assure compliance with General Permit.	To be addressed Year 2.
Continue training P&D permit counter staff to identify and route projects subject to treatment control measures to the Project Clean Water office. Include a “post-class test for learning” at all mandatory stormwater training for staff	See Attachment G To be implemented through permit term.
Require inspection of BMPs during construction by qualified inspectors who have the authority to inspect and enforce proper installation of BMPs	P&D has authority to inspect installation of BMPs during construction and does so with permit compliance staff. See PW Standard Condition 7(f)
Allow signed certification from a licensed Civil Engineer or Architect that the Structural or Treatment Control BMP plans meets the criteria established	
Have all relevant documents (Planners Guide to Conditions of Approval and Mitigation Measures, Public Works Standard Specifications and Plans, etc) available electronically from a single site on the County’s web site	To be addressed Year 2.
Require pre-development meetings to be mandatory for all County reviewers with water quality being an item of discussion	To be addressed Year 2.
Provide applicants examples of specific maintenance requirements in sample maintenance agreements based upon the BMPs implemented (i.e. require percolation rates be verified for infiltration basins every 10 years)	To be developed Year 2.
Document and publish current County written or unwritten policies (i.e. no private water quality features to be located within Public ROW) as related to post construction water quality BMPs	To be developed Year 2; part of Technical Guidance Manual.
Periodically educate land use decision makers of the relationship between land use and water resource protection (model program after NEMO approach)	Schedule to be developed Year 2.
Evaluate unincorporated urban areas under the NDPES permit and determine watershed conditions best suited for various LID measures, similar to City of Arroyo Grande (i.e., identify areas where increased detention is recommended vs. areas where less detention and improved conveyance is recommended, etc.)	To be addressed Year 2.

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Opportunities to Improve – Long Term

Recommendation	Status
Develop a standardized worksheet to determine the project’s requirements under the post-construction program and use the worksheet for pre-application meetings.	To be addressed Year 2.
Develop requirements for a project-specific Storm Water Management Plan as part of initial application submittal.	To be addressed Year 2.
Provide regular training to the development community and on the post-construction program.	Schedule to be developed Year 2.
Provide regular training to County staff involved in development review; use this training as opportunity to address potential conflicts between divisions/departments. Include a “post-class test for learning” at all mandatory stormwater training for staff.	See BMP 5.5.1.
Establish a tracking system to compile information regarding post construction BMP implementation including location, type of control, ownership, and other special conditions.	Already implemented.
Evaluate opportunities for establishing service districts for long term maintenance of the post construction BMPs in major new development.	To be addressed Year 2.
Develop a comprehensive operation and maintenance strategy that includes regular inspections by the County and an enforceable course of action to address deficiencies in project maintenance.	Already addressed for treatment control BMPs.
Coordinate with MS4-Permit cities for consistency in post-construction program	Existing committee meets quarterly.

5.0 Post Construction

Opportunities to Improve - Decision Maker Recommendations

Recommendation	Status
<p>The regulatory authority to administer requirements placed on developers, whether through ordinance and/or building codes, must be clearly identified and explained. Consistent and specific legal authority provides for the foundation for implementing post construction BMPs. While the General Permit does not require one consolidated stormwater ordinance, some jurisdictions have developed an ordinance and accompanying guidance material, i.e., Ventura County. Since the County is not lacking the legal authority to implement the post-construction program, an alternative to a new ordinance would be a Technical Guidance Manual. A Technical Guidance Manual would clarify the legal authority and consolidate regulations pertaining to development. It would also include guidance on site design, source control, and treatment control BMPs. A Technical Guidance manual can be updated and revised by staff without Board action. Overall direction from the Board to develop a manual may be helpful since multiple departments would be involved.</p>	To be addressed Year 2.
<p>Clearly delineate each department’s responsibilities with regard to project review, provide funding to support those responsibilities, and assure regular training.</p>	To be addressed Year 2.
<p>Develop incentive program to implement source and site design BMPs. Examples of incentives that were suggested by the public during initial workshops for this evaluation included: density bonuses, in-lieu fees, awards and flood-control storage credits.</p>	To be addressed Year 2-5
<p>To promote LID concepts, consider defining a minimum ground water recharge rate, or percent vegetative cover/landscaping necessary for categories of development similar to City of Portland.</p>	To be addressed Year 2.
<p>Consider requiring large building projects to achieve Leadership in Energy and Environmental Design (LEED) ‘Certified’ standards.</p>	To be addressed Year 2.
<p>Evaluate opportunities for community-wide special stormwater utility districts, especially for new, very large subdivision developments.</p>	To be addressed Year 2.
<p>Develop, through a stake-holder effort, a stand alone technical guidance manual that provides clear guidance on post construction BMP requirements (for the Attachment 4(B) category projects) including 1) the type of control measures required based on the project type and 2) how to design, build, and maintain each control measures. The Manual should include low impact development concepts (site design BMPs) and identify incentives for encouraging the use of LID concepts. The technical guidance manual must have supporting legal authority, either through direct inclusion in an ordinance, or by reference in a stormwater or building ordinance that</p>	To be addressed Year 2.

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Recommendation	Status
<p>a project proponent will use the latest version of a manual. The Technical Guidance Manual must integrate and support the County’s overall design review process, including other technical requirements and objectives implemented through Public Works, Fire, and other departments.</p>	

Proposed Modifications: This measurable goal was completed; no changes are recommended.

Planned Year 2 Activities: Each recommendation from the report will be evaluated separately. See discussion above.

5.3.2 Measurable Goal: *If it is determined that changes need to be made to better comply with those requirements, then the relevant policy, procedures, or standard conditions will be developed or modified so that they meet or exceed all of the requirements in the General Permit including Attachment 4(B) (year 2).*

Status: To be implemented in year 2.

Effectiveness: NA.

Proposed Modifications: None.

Planned Year 2 Activities: See discussion 5.3.1 above.

5.4 Project Evaluations					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	5.4 Discretionary Permit Review Process: Project Evaluations	Water quality measures are identified during pre-application review, application submittal and review, CEQA review. Project implementation verified through construction monitoring and applicant reporting.	Discretionary projects will be monitored for compliance with water quality measures, and non-compliance may include a correction notice, stop work order, collection of any bonds, and establishing a time frame for developer to take corrective steps to resume work.	5.4.1. Annually evaluate 100% of all discretionary projects for compliance with water quality measures. 5.4.2. Take enforcement actions on all non-compliant conditioned projects.	County Planning and Development Department

5.4.1. Measurable Goal: *Annually evaluate 100% of all discretionary projects for compliance with water quality measures*

5.0 Post Construction

Status: Complete. Projects with treatment control BMPs that proceeded to construction were inspected during the construction and determined to have installed the measures correctly as per plan. These include the Thacker Veterinary Clinic in Lompoc, and Better Cooling in Orcutt. See 5.3.1 above.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: Ongoing inspection of treatment control measures will continue; no changes are recommended.

Planned Year 2 Activities: Continued inspections to verify compliance with measures as projects are constructed.

5.4.2 Measurable Goal: *Take enforcement actions on all non-compliant conditioned projects.*

Status: To be implemented in year 2. (No enforcement actions were taken in Year 1.)

Effectiveness: NA.

Proposed Modifications: None.

Planned Year 2 Activities: No change in activities proposed.

5.5 Staff Training					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5, incrementally	5.5 Staff Training	Permitting and review staff. Hold regular staff training on multiple subjects, including compliance with NPDES Permit conditions. Training materials including videotape of one training class are available.	Training can be used to initiate new staff, and to provide updates on innovative site design for existing staff. Training is critical to successful implementation of this MCM.	5.5.1 Existing staff attend annual training, 75% of all planners in year 1. 5.5.2 Train 100% of all planners annually by year 2. 5.5.3 New staff: 100% attendance in annual training.	County Planning and Development Department & Project Clean Water

5.5.1 Measurable Goal: *Existing staff attend annual training, 75% of all planners in year 1.*

Status: Complete. All P&D development review staff received training during Year 1, including all new P&D development review staff. Trainings were developed by Project Clean Water staff and were held on the following dates:

- P&D staff training (Santa Maria) 5-14-07
- Make-up training (Santa Barbara) 6-15-07

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- P&D staff training (Santa Barbara) 6-11-07
- P&D Staff meeting re: completeness (Santa Barbara) 3-26-07
- P&D Staff training (Santa Maria) 8-22-06 (no sign-in sheet)

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program and increased the target audience knowledge and awareness. Material used during the trainings is shown in Appendix 5F, including the powerpoint presentation used, staff sign-in sheets, handouts, and a “pop quiz”. At the end of the training, staff participated in a fun but competitive “pop quiz” to review certain items and to make sure the highlights were understood. This was not an actual graded quiz, but rather an opportunity to vary the training format and reinforce the presentation. After the quiz, each question was discussed by the group which improved interaction and dialogue. This technique helps increase the knowledge and awareness in the target audience.

Proposed Modifications: This is a Year 1 BMP and is complete; therefore no changes are recommended.

Planned Year 2 Activities: Continue to provide training to all existing and new P&D staff under BMP 5.5.2.

5.5.2 Measurable Goal: *Train 100% of all planners annually by year 2*

Status: Measurable goal will be reached in year 2.

Effectiveness: NA.

Proposed Modifications: Ongoing commitment will continue; no modifications are recommended.

Planned Year 2 Activities: Continue to provide training to all existing and new P&D staff using similar format and materials as Year 1.

5.5.3 Measurable Goal: *New staff: 100% attendance in annual training(Years 1-5)*

Status: Complete.

Effectiveness: See 5.5.1 above

Proposed Modifications: Ongoing commitment will continue; no modifications are recommended.

Planned Year 2 Activities: Continue to provide training to all existing and new P&D staff using similar format and materials as Year 1.

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5.6 Incentive Program					
Years	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
4-5	5.6 Incentive Program for Innovative Site Design	Storm water issues are not covered by existing incentive programs.	The incentive program will encourage site design that minimizes runoff, while also educating the design/construction community.	5.6.1. Incentive program established by year 3. 5.6.2. Establish annual award program in following year 4.	County Planning and Development Department & Project Clean Water

5.6.1 Measurable Goal: *Incentive program established by year 3.*

Status: Not implemented in year 1.

Effectiveness: NA

Proposed Modifications: None.

Planned Year 2 Activities: Several of the Wallace Group report recommendations address incentives for innovative site design and will be addressed during Year 2+. These include:

Recommendation	Status
Develop incentive program to implement source and site design BMPs. Examples of incentives that were suggested by the public during initial workshops for this evaluation included: density bonuses, in-lieu fees, awards and flood-control storage credits.	To be addressed Year 2-5
To promote LID concepts, consider defining a minimum ground water recharge rate, or percent vegetative cover/landscaping necessary for categories of development similar to City of Portland.	To be addressed Year 2.
Consider requiring large building projects to achieve Leadership in Energy and Environmental Design (LEED) ‘Certified’ standards.	To be addressed Year 2.
Evaluate opportunities for community-wide special stormwater utility districts, especially for new, very large subdivision developments.	To be addressed Year 2.
Develop, through a stake-holder effort, a stand alone technical guidance manual that provides clear guidance on post construction BMP requirements (for the Attachment 4(B) category projects) including 1) the type of control measures required based on the project type and 2) how to design, build, and maintain each control measures. The Manual should include low impact development concepts (site design BMPs) and identify incentives for encouraging the use of LID concepts. The technical guidance manual must have supporting legal authority, either through direct inclusion in an ordinance, or by reference in a stormwater or building ordinance that a project proponent will use the latest version of a manual. The Technical Guidance Manual must integrate and support the County’s overall design review process, including other technical requirements and objectives implemented through Public Works, Fire, and other departments.	To be addressed Year 2.

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5.6.2 Measurable Goal: *Establish annual award program in following year 4.*

Status: Not implemented in year 1.

Effectiveness: NA.

Proposed Modifications: NA

Planned Year 2 Activities: NA.

6.0 Pollution Prevention and Good Housekeeping Practices for Municipal Operations

Introduction

The purpose of this minimum control measure for Municipal Operations/Good Housekeeping Practices is to assure that the County's delivery of public services occurs in a manner protective of storm water quality. In this way the County may serve as a model to the community.

Summary Table 6-1 Municipal Operations BMPs and Measurable Goals
(From Table 6-1 County of Santa Barbara Storm Water Management Program)

Year(s)	BMP	Status (July 2006)	Implementation Details	Measurable Goals	Implementing Entity
Complete	6.1 Evaluation of Facilities	Project Clean Water staff has completed onsite evaluations of County facilities and surveyed County activities with respect to storm water and non-storm water discharges.	Survey facilities to determine nature of activities and appropriate BMPs	6.1.1 Completed; results will guide implementation of BMPs below.	County Project Clean Water
3	6.2 Site Specific Water Quality Protocols	Some facilities have already developed protocols.	Sites with activities such as vehicle operations, construction yards, corporation yards, and sanitary treatment facilities are completing specific Water Quality Protocols.	6.2.1 Complete development of site-specific protocols (year 3)	County Project Clean Water with Public Works, Parks, General Services
0	6.3 Municipal Operations BMP Fact Sheets	Based upon the facility and activity surveys, a list of appropriate BMPs for various operations has been developed.	Each department and facility can take credit for existing pollution prevention efforts and select appropriate BMPs to augment current efforts.	6.3.1 Prepare and publish BMP fact sheets (completed).	County Project Clean Water

6.0 Municipal Operations

Year(s)	BMP	Status (July 2006)	Implementation Details	Measurable Goals	Implementing Entity
2-5	6.4 BMP Implementation & Reporting	An interactive web-based program is being developed to facilitate reporting on storm water programs.	Staff will utilize web-based program to report BMP implementation or implementation schedule.	<p>6.4.1 Update and revise BMP Fact Sheets as needed, based upon staff input and other Phase I and Phase II community programs (years 1-5).</p> <p>6.4.2 Develop program for reporting (year 2).</p> <p>6.4.3 Tabulate number of BMPs implemented 50% by year 2, 75% year 3; 100% year 4.</p> <p>6.4.4 Audit one facility per department each year, starting year 2 (years 2-5).</p> <p>6.4.5 Continue existing programs (i.e., Flood Control maintenance, solid and hazardous waste handling/recycling, storm drain maintenance, etc.). Update annual reports (years 1-5).</p>	County-wide
2-5	6.5 Purchasing & Contracts	Projects that could affect water quality are often performed by outside contractors. Contract language is under development to require implementation of BMPs.	Contractors will be required to implement BMPs to protect water quality.	<p>6.5.1 Complete contract revisions (year 1).</p> <p>6.5.2 Tabulate number of projects that require BMPs or plans (year 1).</p> <p>6.5.3 Evaluate contractor compliance (years 2-5).</p> <p>6.5.4 Report the number of Notice of Violations or Corrective actions (years 2-5).</p>	County General Services - Purchasing
1-5	6.6 Integrated Pest Management Plan	The IPM Strategic Team has established County policy for pesticide use that commits County departments to reduce or eliminate the use of pesticides.	IPM Strategy will be evaluated annually for effectiveness. Departments must appoint an IPM coordinator and report pesticide usage.	<p>6.6.1 Document annual updates of IPM Strategy (years 1-5).</p> <p>6.6.2 Report reductions in pesticide use on a departmental basis (years 1-5).</p>	County Public Works, Parks, General Services, Agricultural Commissioner, Planning & Development

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Year(s)	BMP	Status (July 2006)	Implementation Details	Measurable Goals	Implementing Entity
1-5	6.7 Storm Drain Maintenance	The County currently owns and maintains several storm water treatment control facilities, including seven CDS units, three bioswales, and one ultraviolet radiation treatment system.	Maintenance consists of regular inspections, removal of wastes from the CDS units on biannual basis, minor landscaping management efforts at the bioswales on as-needed basis, and vector control/treatment as-needed.	6.7.1 Establish and implement a cleaning schedule for County-owned and operated treatment control facilities (years 1-5).	County Public Works
1-5	6.8 Street sweeping	The County currently sweeps 22 miles of commercial and arterial streets.	County staff monitors the occurrence and forecast of storms year-round. After 4 to 6 weeks without rain, County staff initiates street sweeping on the basis of storm predictions.	6.8.1 Report number of lane-miles swept and number of events per year. 6.8.2 Report weight and volume of materials collected for each event	County Public Works
3-5	6.9 Staff Training	Many employees have job responsibilities that can affect water quality.	Staff will receive appropriate training on water pollution prevention.	6.9.1 Achieve 100% completion of countywide training by year 3. 6.9.2 Document number of training sessions presented (years 3-5). 6.9.3 Document number of staff attending (years 3-5). 6.9.4 Document number of email messages on water quality (years 3-5).	County -wide

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BMP 6.1 Evaluation of Facilities					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
Complete	6.1 Evaluation of Facilities	Project Clean Water staff has completed onsite evaluations of County facilities and surveyed County activities with respect to storm water and non-storm water discharges.	Survey facilities to determine nature of activities and appropriate BMPs	6.1.1 Completed; results will guide implementation of BMPs below.	County Project Clean Water

6.1.1 Measurable Goal: *Completed; results will guide implementation of BMPs below*

Status: Complete. As described under Status and Implementation Details above, this BMP was completed before approval of the Storm Water Management Program. The BMP was to conduct a site visit and survey of all County facilities and operations, completing onsite evaluations of all County facilities and County activities with respect to storm water and non-storm water discharges. Implementation involved surveying facilities and interviewing managers to determine the nature of activities and appropriate BMPs.

A description of the County survey of all County facilities is contained in the SWMP Chapter 6.2.1. In summary, the evaluations included a facility survey, interview with staff to determine the nature of activities, and identification of appropriate BMPs. The surveys were based upon a comprehensive list of all County facilities. Facilities regulated under an Industrial Storm Water Permit General Permit, were not surveyed; these facilities include the Tajiguas landfill, Foxen Canyon landfill, transfer stations, and the Santa Ynez airport.

A questionnaire was developed for the inventory survey to ensure appropriate, detailed and standardized information was collected. In addition, the questionnaire covered current pollution prevention BMPs, permits and inspections, record keeping and reporting methods. During the facility surveys, potential water quality impacts were noted based on activities, materials used, wastes generated, standard operating procedures (SOPs), and storage practices.

Over 400 County facilities were visited, and over 26 managers of field operations were interviewed. See Appendix 6A for a table summary of the site surveys.

Supervisors and managers who oversee the field operations provided detail on activities conducted off-site that could have potential impacts to storm water. Recommendations for field activity BMPs were developed. Data was gathered by interviewing the supervisors and managers who oversee this work.

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Below is a summary of the departments interviewed and their field projects and field programs reviewed:

- Agricultural Commissioner:** Vector Control, Weed Abatement Program, Weights & Measures
- Air Pollution Control District:** Monitoring stations
- Alcohol, Drugs, Mental Health Services (ADMHS):** Client contact
- Fire:** Training exercises, Equipment repair, Fire Prevention Program, Hydrant testing, Emergency response
- General Services:** Communications, Vehicle Operations, Facilities maintenance
- Probation:** Graffiti Abatement Program, Home visits, Los Prietos Boys Camp & Tri-Counties Boot Camp, Community Service Program
- Public Health:** Animal Services, Vector control, Home visits
- Public Works:** Construction/Lab, Flood Control, Laguna Sanitation, Roads, Traffic, Solid Waste
- Sheriff:** General, SWAP, Drug labs/Bomb Squad
- Social Services:** Client contact

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program and increased knowledge and awareness of County employees during the site visits and interviews conducted. In one case it can be demonstrated that a behavior change resulted in decreased pollutant loadings to the storm drain. This would be elimination of discharges to the storm drain system where County fleet vehicles are washed onsite. As discussed in BMP 6.5, fleet vehicle washing contract was revised during Year 1 to require the cleaning contractor to eliminate discharges, in this case by collecting all wash water from the cleaning process and disposing to the sanitary system.

Proposed Modifications: This BMP was completed in Year 0, therefore no changes are recommended.

Planned Year 2 Activities: This BMP was completed in Year 0, therefore no activities proposed in Year 2.

BMP 6.2 Site Specific Water Quality Protocols					
Year(s)	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
3	6.2 Site Specific Water Quality Protocols	Some facilities have already developed protocols.	Sites with activities such as vehicle operations, construction yards, corporation yards, and sanitary treatment facilities are completing specific Water Quality Protocols.	6.2.1. Complete development of site-specific protocols (Year 3)	County Project Clean Water with Public Works, Parks, General Services

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6.2.1 Measurable Goal: *Complete development of site-specific protocols (Year 3)*

Status: Although this is a Year 3 measurable goal, draft protocols have been prepared, as listed in Table 6-2. The facilities selected for such protocols were identified during site visits under BMP 6.1 and are listed below.

Facility Water Quality Protection Protocols

Site	Location	Activities
Fire Department Construction Yard	99 Centennial Road, Los Alamos	Vehicle operations, corporate yard, et al.
General Services South County Garage	4568 A Calle Real Road, Santa Barbara	Vehicle operations
General Services North County Garage	912 West Foster Road, Santa Maria	Vehicle operations
Public Works Flood Control Yard	4568 D Calle Real Road, Santa Barbara	Vehicle operations, corporate yard
Santa Maria Corporation Yard	912 W. Foster Rd. Santa Maria	Corporate yard
Lompoc Road Yard	2010 Sweeney Road, Lompoc	Corporate yard
Santa Barbara Road Yard	4415 Cathedral Oaks Road, Santa Barbara	Corporate yard
Santa Ynez Road Yard	5035 Zaca Station Road Santa Ynez	Corporate yard
Cuyama Road Yard	5073 Highway 166, Cuyama	Corporate yard

These facilities were identified as having broad activities with greatest potential to generate pollutants in storm water runoff; not all County facilities will develop such high level detailed plans for inspecting, training, and recordkeeping. These facilities supported such activities as vehicle or equipment operations, corporate yards with storage and handling of materials, etc. but did not include facilities already implementing a Phase I Industrial NPDES permit (i.e. Tajiguas landfill, Laguna Wastewater Treatment Plant). See Appendix 6B for details of the protocols prepared for those facilities listed above, including a facility description, list of activities at each site, potential pollutants, and current and future control measures.

Effectiveness: NA.

Proposed Modifications: No changes are recommended.

Planned Year 2 Activities: Project Clean Water staff will contact these facility managers during Year 2 to review and prepare for the upcoming implementation in Year 3.

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6.3 Municipal Operations BMP Fact Sheets					
Year(s)	BMP	Status (July 2006)	Implementation Details	Measurable Goal	Implementing Entity
0	Municipal Operations BMP Fact Sheets	Based upon the facility and activity surveys, a list of appropriate BMPs for various operations has been developed. See Appendix H.	Each department and facility can take credit for existing pollution prevention efforts and select appropriate BMPs to augment current efforts.	6.3.1 Prepare and publish BMP fact sheets (completed).	County Project Clean Water

6.3.1 Measurable Goal: *Prepare and publish BMP fact sheets (completed).*

Status: Complete. The Fact Sheets were developed based on activities identified during interviews and onsite surveying during implementation of BMP 6.1. The BMP Fact Sheets were developed to provide a reporting format for the various County Departments, Divisions, etc. to follow. A list of the Fact Sheets is shown below; the complete Fact Sheets are in the Storm Water Management Program.

BMP Fact Sheets

- SC1. Alternative Safer Products
- SC2. Building Maintenance & Repairs
- SC3. Employee Training
- SC4. Housekeeping (addresses cleaning practices conducted by County employees and their contractors)
- SC5. Kitchen, Restaurant & Deli
- SC6. Landscape & Undeveloped Areas
- SC7. Loading & Unloading
- SC8. Material & Hazardous Waste Storage
- SC9. Metal, Wood, Paint & Print Shops
- SC10. Parking Lots & Garages
- SC11. Spill Prevention & Cleanup
- SC12. Storm Drains & Catch Basins
- SC13. Horses
- SC14. Trash & Dumpster Management
- SC15. Vehicle & Equipment Fueling
- SC16. Vehicle & Equipment Maintenance & Repairs
- SC17. Vehicle & Equipment Washing and Steam Cleaning
- SC18. Basic BMPs for Employees
- TC1. Treatment (Structural) Controls

Each Fact Sheet lists a variety of specific BMPs for preventing and reducing pollution covering one activity, such as: housekeeping, landscaping or storm drains. This menu approach will allow each department and facility to take credit for their existing pollution prevention efforts (whether written or not) and to select appropriate BMPs to augment their current efforts. An example showing the menu approach is shown below.

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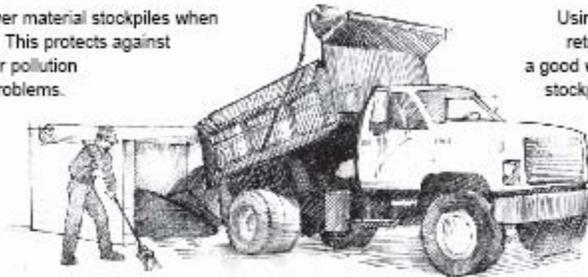
The Fact Sheets were developed based on activities identified during interviews and onsite surveying during implementation of BMP 6.1. The BMP Fact Sheets were developed to provide a reporting format for the various County Departments, Divisions, etc. to follow.

Example BMP Fact Sheet

Loading & Unloading Best Management Practices

Best Management
Practices
Fact Sheet
SC 7

Always cover material stockpiles when not in use. This protects against storm water pollution and dust problems.



Using a bin with a retractable top is a good way to contain stockpiled material.

Selection of Best Management Practices

In order to comply with Santa Barbara County's Municipal Storm Water Permit, Best Management Practices (BMPs) must be employed at municipal facilities. BMPs may be selected from the options listed below or developed on a case-by-case basis as appropriate. Facilities with a Water Quality Protection Protocol (WQPP) should follow the BMPs stated in that protocol.

Practices

1. Designate loading areas that are protected from storm water, when possible. Permanent or temporary covers, berms, dikes and sloped pads can be used to accomplish this goal.
 - a. During the transfer of liquid substances protect storm drains. Protection includes the placement of portable berms or dikes around the loading area and/or mats to cover storm drains.
2. Promptly fix any leaks in loading equipment.
3. Schedule material transfers when no rain is predicted or load and unload indoors.
4. Be careful to not puncture, rip or tear containers with forklifts or hand trucks. Always use equipment appropriate for the job. Promptly place materials in their designated storage locations.
5. Check loading areas for pollutants such as fuel, oil and grease that could come into contact with storm water runoff. Promptly clean up pollutants and appropriately dispose of the waste.

Goal / Purpose

Reduce potential contaminants from being discharged into the storm water system during loading and unloading activities.

Santa Barbara County

[www.countyofsb.org/
project_cleanwater](http://www.countyofsb.org/project_cleanwater)

Revised May, 2003



6.0 Municipal Operations

Effectiveness. This BMP was implemented in accordance with the SWMP.

Proposed Modifications: None.

Planned Year 2 Activities: A program for reporting will be developed in Year 2, See below.

6.4 BMP Implementation & Reporting					
Year(s)	BMP	Status (July 2006)	Implementation Details	Measurable Goals	Implementing Entity
2-5	BMP Implementation & Reporting	An interactive web-based program is being developed to facilitate reporting on storm water programs.	Staff will utilize web-based program to report BMP implementation or implementation schedule.	6.4.1. Update and revise BMP Fact Sheets as needed, based upon staff input and other Phase I and Phase II community programs (years 1-5). 6.4.2. Develop program for reporting (year 2). 6.4.3. Tabulate number of BMPs implemented 50% by year 2, 75% year 3; 100% year 4. 6.4.4. Audit one facility per department each year, starting year 2 (years 2-5). 6.4.5. Continue existing programs (i.e., Flood Control maintenance, solid and hazardous waste handling/recycling, storm drain maintenance, etc.). Update annual reports (years 1-5).	County-wide

6.4.1. Measurable Goal: *Update and revise BMP Fact Sheets as needed, based upon staff input and other Phase I and Phase II community programs (years 1-5).*

Status: Complete. No revisions to the BMP Fact Sheets were found appropriate during Year 1.

Effectiveness: No revisions were determined to be necessary based upon staff input and other Phase I and Phase II community programs during Year 1.

Proposed Modifications: Ongoing updates will be made as appropriate; no changes are recommended to this BMP.

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Planned Year 2 Activities: Continue to review BMP Fact Sheets and develop updates on as-needed basis.

6.4.2 Measurable Goal: *Develop program for reporting (year 2).*

Status: Will be implemented in year 2.

Effectiveness: Not implemented.

Proposed Modifications: None.

Planned Year 2 Activities: In preparation for Year 2, Project Clean Water staff considered methods used by Phase I and Phase II municipalities to report on Municipal Good Housekeeping practices. Phase I communities often utilize their own database management system, developed uniquely for their program. The CASQA Phase II Subcommittee was contacted to discuss preferred reporting methods.

Two software programs currently in use by other Phase II municipalities, ASIST and MS4 Manager, were considered by Project Clean Water staff. Neither was well-suited to the County's SWMP reporting needs. One problem encountered with these databases is linking to MCM 6.0. The County needs to develop a reporting tool for municipal operations that can be used by appropriate County staff to identify the type and extent of practices performed Countywide, based specifically on the County-tailored BMP Fact Sheets. Each individual BMP Fact Sheet is divided into individual reportable management practices. Neither of the databases, ASIST or MS4 Manager provided the interface to incorporate the County BMP Fact sheets. The cost of developing a custom data management system is beyond the available budget for this program.

It is anticipated that County staff will develop a brief series of reporting forms based upon an Access database system to track BMPs implemented County-wide. Development of that database will likely result in a report template that incorporates some attributes of the MS4 Manager software program.

6.4.3 Measurable Goal: *Tabulate number of BMPs implemented; 50% by year 2, 75% year 3; 100% year 4.*

Status: Will be implemented in Year 2. Ultimately, all County facilities will be included. This measurable will begin tabulating and tracking BMPs at 50% of County facilities by Year 2; 75% by Year 3, and 100% by Year 4.

Effectiveness: NA.

Proposed Modifications: None.

Planned Year 2 Activities: The BMP reporting database will be used to tabulate BMPs. See discussion 6.4.2 above.

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6.4.4 Measurable Goal: *Audit one facility per department each year, starting year 2 (years 2-5). Evaluate the nature, type, and effectiveness of BMPs implemented through a system of PCW internal audits. Perform audits for each department for at least one facility by the end of each reporting year*

Status: Will be implemented in Year 2.

Proposed Modifications: None.

Planned Year 2 Activities: Public Works Department will provide the Year 2 facility audit for internal Project Clean Water evaluation.

6.4.5 Measurable Goal: *Continue existing programs (i.e., Flood Control maintenance, solid and hazardous waste handling/recycling, storm drain maintenance, etc.). Update annual reports (years 1-5).*

Status: Complete. A summary of existing programs that protect urban runoff water quality is provided below.

Public Works Roads Division Culvert Inspections and Maintenance. There are no revisions to the Roads Division inspection and maintenance program as described in the SWMP. County tracks all maintenance activity to storm drain culverts by service area. These include repeat maintenance, i.e. some culverts are cleaned repeatedly while some are not cleaned at all. The need for cleaning is based upon inspections.

Culverts Inspected and/or Cleaned (out of total _ culverts)		
South County	Lompoc / Santa Ynez Area	Orcutt / Santa Maria
2,918	1,762	1,451

Public Works Flood Control & Water Conservation District. Annual maintenance plans are submitted to the U.S. Army Corps of Engineers, Ventura District Office, California Dept of Fish and Game, and the RWQCB to fulfill conditions of the Fish & Game Streambed Alteration Agreement No. R5-2002-0083, USACE Permit No. 200500145-JCM and Technically Conditioned Water Quality Certification from RWQCB under the requirements of the Routine Maintenance Plan Programmatic EIR (1991). The Maintenance and Revegetation Report for 2006/2007 season was prepared by the SB County Flood Control & Water Conservation District in January 2007.

Because the Flood Control Maintenance and Revegetation Report is submitted to the RWQCB and is performed under numerous permits regulating and protecting water quality and mitigating for impacts, it is not included in this Annual Report. The Maintenance and Revegetation Report describes the maintenance and revegetation activities that occurred at the following creeks and channels. Those creeks and channels that had maintenance activities performed are summarized in the Table below.

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Maintenance and Revegetation Activities

Arroyo Burro	Rodeo / San Pasqual
Upper Atascadero	Channel Outlet
Bradley Canyon Channel	Refugio Creek
Canada de la Pila Creek	San Antonio Creek (Goleta)
Cat Canyon	San Antonio Creek (Los
Cebada Canyon Creek	Alamos)
Cieneguitas Crk	San Jose Creek
Las Positas Creek	San Pasqual Channel
Los Carneros	San Pedro Creek
Maria Ygnacio Creek	Santa Maria Airport / Abex
Miguelito Channel Outlet	Channel
Mission Creek	Sycamore Creek
North Green Canyon	Tecolote Creek
Orcutt Solomon Creek	Toro Canyon Creek
	Unit II Channel / West
	Main Channel / Unit II
	Tailwater Channel
	East Ditch Channel

There were no revisions to the Flood Control maintenance program as described in the SWMP.

Solid Waste Handling and Recycling. The County Resource Recovery and Waste Management Division provides a broad and comprehensive program for the management of solid waste in the unincorporated areas including collection, recycling, and disposal of solid waste, and also the abatement of illegal dumping of waste (see Illicit Discharge MCM). For example, one of the most common problems is dumping of household greenwaste, especially for those properties adjacent to creeks. RRWMD provide outreach and media campaigns to reach a wide group of targeted communities. See Appendix 6C for examples of these campaigns. The following table summarizes amounts of solid and hazardous materials that are removed from the waste stream, which minimizes illegal dumping.

Amount Collected	Waste
673,148 lbs	Electronic waste collected through County programs (at permanent facilities and through one-day collection events)
21,540 gal.	Used oil collected through County programs (at permanent facilities, including certified collection centers in Goleta, Buellton, and Orcutt, and through curbside collection in the North County):
7,148 lbs.	Used oil filters collected through County programs
68,409 lbs.	Household hazardous waste collected at the County's temporary events in Santa Ynez (twice a year) and New Cuyama (once a year):
17,014 lbs.	Household hazardous waste collected at the Santa Ynez Valley Recycling and Transfer Station ABOP facility (including antifreeze, batteries, used oil, oil filters, and latex paint):

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Details on these recycling and reduction programs that help minimize the amount of illegal dumping that ends up in the County's waterways include:

Backyard Composting. County provides information brochure and offers greatly discounted recycling bins for sale once per year at two locations in Santa Barbara and Santa Maria.

Business Recycling Program. Business recycling is mandatory in the unincorporated areas in order to reduce the volume of the landfill waste stream.

California Coastal Cleanup Day. Coastal Cleanup Day takes place throughout the State of California and is conducted in conjunction with International Coastal Cleanup Day. California's Coastal Cleanup Day Program, organized by the California Coastal Commission and other cooperating organizations throughout the state, encourages people to learn about and actively participate in conserving natural resources. The goals of this event are to raise awareness about the issues of ocean and coastal conservation, to pick up litter, to encourage recycling, and to promote community pride. Coastal Cleanup Day allows people to take responsibility for their local waterways and creates an awareness that individual actions do make a difference. The County Public Works Department, Resource Recovery and Waste Management Division, coordinates this event for Santa Barbara County..

On September 16, 2006, 395 volunteers participated in California Coastal Cleanup Day in Santa Barbara County from 9:00 a.m. to 12:00 p.m. On that day, volunteers picked up approximately 1,158 pounds of trash and 764 pounds of recyclables from local beaches stretching some 30 miles along our coastline. Cigarette butts remained the most common item found. Various trash items collected included a syringe, numerous lobster traps, a mattress, a vacuum cleaner, and lots of packaging material.\

Coastal Cleanup Results

<u>BEACH NAME</u>	<u># VOLUNTEERS</u>	<u>LBS TRASH</u>	<u>LBS RECYCLABLES</u>
Arroyo Burro	54	80	331
Butterfly Beach	18	7	7
Chase Palm Park	6	20	92
East Beach	16	46	14.5
El Capitan	9	5	16
Gaviota State Beach	4	15	5
Goleta Beach	33	140	50
Guadalupe	34	78	31
Haskells	13	80	2.5
Jalama Beach	25	150	25
Leadbetter Beach (Santa Barbara Point to the Yacht Club)	44	50	40
Lookout Park (Summerland)	11	38	21
Mesa Lane (Wilcox Property to the Lighthouse)	12	45	10

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Refugio State Beach	77	35	2
Rincon Point	6	23	22
Santa Claus Lane	12	21	9
Tajiguas Beach	18	300	61
West Beach/Sea Landing (Pier to Breakwater)	3	25	25
TOTAL	395	1158	764

Christmas Tree Recycling. Recycling programs for Christmas trees are located throughout the County following the holiday season. The trees are then recovered and ground for mulch. This keeps trees from being illegally dumped into creek channels especially at road crossings where access is easy.

Construction & Demolition Debris Recycling. Construction and demolition materials that are most frequently recovered and recycled in Santa Barbara County are wood, concrete, asphalt, and metal. Gypsum wallboard, carpet, and carpet padding are also being processed and recycled in the area.

Electronics Recycling Program. Every year, hundreds of thousands of electronic items such as computers, computer monitors, televisions, printers, copiers, fax machines, and audio and video equipment become obsolete in California. Over 6,000,000 obsolete computer monitors and televisions are stockpiled in California households, according to a study conducted by the California Integrated Waste Management Board (CIWMB). A study conducted for the National Safety Council projects that more than 10,000 computers and televisions become obsolete in California every day. Further, the study also projects that three fourths of all computers purchased in the United States remain stockpiled in storerooms, attics, garages, or basements. Finally, only an estimated 20 percent of obsolete computers and televisions are collected for recycling. Each computer or television contains an average of four to eight pounds of lead. According to the Silicon Valley Toxics Coalition, consumer electronics comprise 40 percent of the lead found in landfills. Other types of electronic items also contain hazardous materials such as cadmium, mercury, hexavalent, chromium, PVC plastic, and brominated flame retardants. About 70 percent of the heavy metals found in landfills emanate from electronic equipment discards. The heavy metals and other toxic materials in electronic equipment can contaminate groundwater and pose other environmental and health risks. The state bans disposal of certain wastes such as batteries, electronic devices, fluorescent lights, equipment containing cathode ray tubes (CRTs) e.g. computer monitors and televisions, and mercury thermostats in the trash. Businesses that generate more than a certain amount are required to use a licensed hazardous waste hauler to manifest and transport their waste. Many household electronics are collected for free at the County's transfer stations. Information for recycling used computers is provided on the County's website. <http://www.lessismore.org/Programs/electronics.html>

Green Award Program. The Green Award is an annual award that is given to selected businesses, schools, and organizations that have undertaken voluntary activities demonstrating exceptional commitment or innovation beyond their primary mission in

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helping to protect, improve, and preserve the environment. These activities should result in cleaner air or water, less waste, less traffic, conservation of energy and natural resources, and/or reduced use of hazardous materials. The 2006 Green Award Recipients include: The Family School (Los Olivos), Marian Medical Center (Santa Maria), The Four Seasons Resort: the Biltmore (Santa Barbara), Van Atta Associates, Inc. (Santa Barbara), and Nolan, Walmsley and Associates, Inc. (Carpinteria and Ojai)

Household Hazardous Waste. Brochures are distributed at all public events and at the County Hazardous Waste Center. Several apartment complexes and property management companies also distribute them to residents. Approximately 2,000 brochures of each type shown in Appendix 6C are distributed each per year.

Mulch Program. Free mulch is available for pickup at both the South Coast Recycling and Transfer Station and the Santa Ynez Valley Recycling and Transfer Station. If a resident wants mulch to be delivered, there is a charge depending on the volume requested. Mulching reduces erosion and improves health of soil.

Sharps Collection Program. Home Generated Sharps (HGS) are needles, syringes with needles, and disposable lancets. HGS are collected for free Santa Barbara County Public Health Department Carpinteria Clinic, the Santa Barbara County Public Health Department Lompoc Clinic, Santa Barbara County Public Health Department Santa Barbara Clinic, Santa Barbara County Public Health Department Franklin Clinic, and the Santa Barbara County Public Health Department Santa Maria Clinic.

Solid Waste Facilities. County of Santa Barbara accepts waste at the following five locations: South Coast Recycling Transfer Station, Santa Ynez Valley Recycling and Transfer Station, Tajiguas Landfill, New Cuyama Transfer Station, and Ventucopa Transfer Station.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. Knowledge and awareness for the target audience was increased through Solid Waste handling and recycling programs. Pollutant loadings were decreased through culvert cleaning.

Proposed Modifications: Reporting on ongoing programs and commitments will continue; no changes are recommended.

Planned Year 2 Activities: Reporting on ongoing programs and commitments will continue; no additional Year 2 activities are recommended.

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6.5 Purchasing & Contracts					
Year	BMP/Pollutants of Concern	Current Status	Implementation Details	Measurable Goals	Implementing Entity
2-5	Purchasing & Contracts	Projects that could affect water quality are often performed by outside contractors. Contract language is under development to require implementation of BMPs.	Contractors will be required to implement BMPs to protect water quality.	6.5.1. Complete contract revisions (year 1). 6.5.2. Tabulate number of projects that require BMPs or plans (year 1). 6.5.3. Evaluate contractor compliance (years 2-5). 6.5.4. Report the number of Notice of Violations or Corrective actions (years 2-5).	County General Services - Purchasing

6.5.1. Measurable Goal: *Complete contract revisions (year 1).*

Status: Complete. The Measurable Goal was met through modification of standard County contract language. Three major contract terms were revised during Year 1. Each belongs to the County’s General Services Department, which provides broad services for all departments countywide.. They include (1) the contract for all janitorial related activities, (2) contract for fleet vehicle washing, and (3) general contract terms for all development managed by the County Architect. The General Services Department is committed to protecting water quality through the implementation of Best Management Practice standards in the construction and operations of county facilities.

Janitorial Services. The contract for countywide janitorial services is currently held by Service Master, and expires until 2009. At that time, the RFP and subsequent renegotiated contract will be revised to include the following revisions.

3.XX Pollution Prevention

Contractor will comply with the Municipal Operations Best Management Practices Fact Sheet SC4 “Housekeeping” (County of Santa Barbara’s Storm Water Management Program). Contractor shall include awareness training for storm water pollution prevention, and shall develop procedures for preventing discharges of any waste that could enter the storm drain system using Best Management Practices. Examples of Best management Practices are presented in Fact Sheet SC4 and include using sanitary sewer for disposal of waste water, using brooms or vacuums instead of hosing surfaces with water, and prompt cleanup of spills that occur in outdoor setting. Examples of waste include wastes from wash water, cleansers, degreasers, paint products, window cleaning water, rinse water, trash or other debris. Contractor must comply with federal, state,

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and local storm water rules including Porter Cologne and Santa Barbara County Code Chapter 29.X Storm Water Discharges. It is a violation of County Code Chapter 29.X Storm Water Discharges to allow any discharge to the storm drain system that is not composed entirely of storm water, unless otherwise permitted or exempt.

Indicate acceptance by initial _____ or state any modification.

See Appendix 6D for a description of the work under existing contract. The revised section would be placed between 3.10 Safety Measures and 3.11 Hazardous and Toxic Substances on page 15.

Under the existing contract, Service Master provides a 1 hour training video to all employees on proper cleaning and disposal techniques to the sanitary system in a janitor's closet. A janitor's closet with a floor drain or utility sink is available at all County locations. In addition, onsite training is provided to all Service Master staff by supervisors to familiarize the crew with unique site features and procedures.

Fleet vehicle washing. County General Services Department negotiated a new purchase order with Done Right Detail on the basis of no discharges of wash water into the storm drain system. Overall, the vehicle wash process uses only a small amount of water per vehicle and, depending on the location, often produces no runoff into the storm drain. Where runoff occurs, the Vacuboom technique includes a barrier to contain runoff and subsequent wet vacuum to collect and dispose of the waste water into a sanitary sewer system.

Public Contracts. General Services has revised its contracting documents and consultant requirements to include minimum BMPs in each new project. The BMPs are contained within the following documents and used on individual projects: (1) Consultant Contracts (PSA), (2) Construction Drawings and Specifications, and (3) reference in the General Conditions to specific storm water control. These are shown in Appendix 6D.

Prior contract language used by General Services incorporated by reference the current edition of the Standard Specifications for Public Works Construction ("Green Book") which was deemed inadequate under this Minimum Control Measure.

For example -

Old:

"Water Pollution Control: The Contractor shall exercise every reasonable precaution to protect channels, storm drains, and bodies of water from pollution and shall conduct and schedule its operations so as to minimize or avoid muddying and silting of said channels, drains, and waters. Water pollution control work shall consist of constructing those facilities which may be required to provide prevention, control, and abatement of water pollution."

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Revised:

Water Pollution Control: The Contractor shall prepare and implement a program to control water pollution effectively during the construction of all phases of the project. If the project results in more than 1 acre of soil disturbance, Contractors shall prepare and submit a Storm Water Pollution Prevention Plan (SWPPP) in accordance with State of California Construction General Permit. Projects less than an acre of soil disturbance shall prepare a Water Pollution Control Plan following the California Department of Transportation handbook, or the functional equivalent of a Water Pollution Control Plan, that identifies Best Management Practices (BMPs) which shall be implemented during construction. The following documents are approved resources for the proper selection and design of construction-related BMPs: Caltrans Construction Site Best Management Practices Manual, California Stormwater Quality Association Stormwater Best Management Practices Handbook for Construction. . Water pollution control work shall consist of designing, constructing, and actively maintaining those facilities which are required to provide prevention, control, and abatement of water pollution.

See Appendix 6D for the entire text.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. In the case of the new contract for fleet vehicle washing, the BMP resulted in changing of behavior and decrease in pollutant loadings to the storm drains.

Proposed Modifications: The contract with Service Master for janitorial services countywide is not up for renewal until 2009; therefore, an update will be provided in the Year 3 Annual Report to reflect implementation of those contract changes.

Planned Year 2 Activities: No additional activities during Year 2.

6.5.2 Measurable Goal: *Tabulate number of projects that require BMPs or plans (year 1).*

Status: Of the three major services where contract language was evaluated, only one, construction activities, requires submittal of a BMP plan for County approval. In the case of janitorial services, the revised contract itself directs the contractor to utilize the County's BMP Fact Sheet for janitorial services (SC-4 Housekeeping) and notes that discharges of anything other than storm water is a violation of County Code Chapter 29. In the case of vehicle washing, the contractor operates a system that prevents discharges to the storm drain; a BMP plan is not required. If the contractor in any of these cases causes the discharge of polluted runoff into the storm drain system, it will be sufficient reason for termination of the contract.

Therefore there were no projects that required BMPs or plans during Year 1.

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No contracts were developed by the County Architect during Year 1 that included the revised terms shown in Appendix 6D.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: None.

Planned Year 2 Activities: We expect there to be more projects or activities performed by contractors that will require BMPs or plans in Year 2 as the program matures. Additional departments will be contacted to determine whether they may occasionally contract for work that results, or could result, in polluted discharges, and results will be presented in the Year 2 Annual Report.

6.5.3 Measurable Goal: *Evaluate contractor compliance (years 2-5).*

Status: Will be implemented in year 2.

Effectiveness: N/A

Proposed Modifications: None.

Planned Year 2 Activities: Janitorial Services - note whether any complaints were received from the public regarding performance by a contractor working for the County.

Fleet Vehicle washing – make at least one inspection at each site where the vacuboom is employed while contractor is performing the work (there are over 20 sites countywide with fleet vehicles washed under a County contract) . Provide photo documentation.

County Architect – Identify whether any construction projects were designed, bid, or contracted during Year 2, and if so, document submittals related to the water quality BMPs.

6.5.4 Measurable Goal: *Report the number of Notice of Violations or Corrective actions (years 2-5).*

Status: Will be implemented in year 2.

Effectiveness: NA

Proposed Modifications: None.

Planned Year 2 Activities: No additional activities proposed.

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6.6 Integrated Pest Management Plan					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	6.6 Integrated Pest Management Plan	The IPM Strategic Team has established County policy for pesticide use that commit County departments to reduce or eliminate the use of pesticides.	IPM Strategy will be evaluated annually for effectiveness. Departments must appoint an IPM coordinator and report pesticide usage.	6.6.1 Document annual updates of IPM Strategy (years 1-5). 6.6.2 Report reductions in pesticide use on a departmental basis (years 1-5).	County Public Works, Parks, General Services, Agricultural Commissioner, Planning & Development

6.6.1. Measurable Goal: *Document annual updates of IPM Strategy (years 1-5).*

Status: Complete. The County's Integrated Pest Management (IPM) IPM programs use current, comprehensive information on the life cycles of pests and their interaction with the environment. This information, in combination with available pest control methods, is used to manage pest damage by the most economical means, and with the least possible hazard to people, property, and the environment. A summary of IPM strategy for Year 1 is in Appendix 6E.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program.

Proposed Modifications: During FY 0607, the county did not update its IPM Strategy. Since the strategy is to reduce pesticide use overall and provide annual updates, updates to the IPM Strategy are not anticipated. Furthermore, BMPs 6.6.1 and 6.6.2 overlap substantially. The IPM Strategy Update is the same report as that which tracks the pesticide use by type and amount. It is therefore proposed to combine 6.6.1 with 6.6.2 as follows:

6.6.1 Measurable Goal: *Report reductions in pesticide use on a departmental basis and provide update, if any, to the countywide IPM Strategy (years 1-5).*

Planned Year 2 Activities: Continue tracking pesticide use by type and amount and provide update in annual report; revise BMP 6.6.1 as indicated.

6.6.2 Measurable Goal: *Report reductions in pesticide use on a departmental basis (years 1-5).*

Status: Complete. The County has seen large reductions in overall pesticide use since 1999 when the County's Green Team initiated the IPM strategy, which is presented and described in the Storm Water Management Program. The IPM strategy provides a framework for evaluating pesticide use by County Departments that use pesticides. These groups are all members of the Green Team's Grounds Committee.

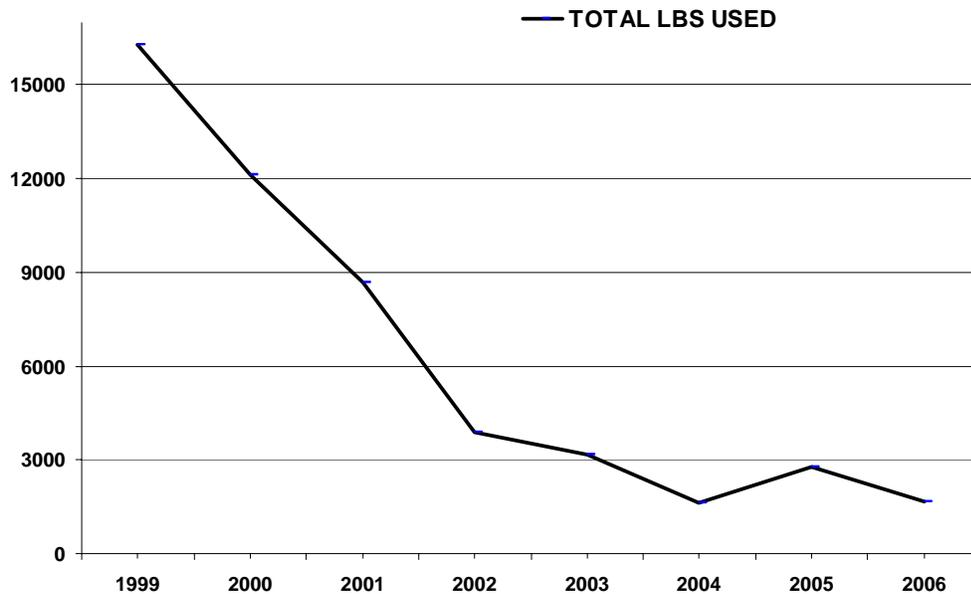
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The Grounds Committee reports both type and amount of pesticides used each year. Several successful pilot projects that have substantially reduced and even eliminated the use of pesticides have been implemented including:

- WeedSeeker technology
- Mulch
- Steam applications
- Perches
- Mowing

The Table below shows a summary graph of the amount of pesticides used by the Public Works Department during in the FY 2006-07 reporting period and compares to prior years of record. For more details and a description of the pesticide use including breakdown on a department/program/pesticide basis, see Appendix 6E.

Annual Pesticide Use Summary - Public Works



Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. Annually reporting on pesticide use has resulted in behavior changes in County staff through the ongoing effort to minimize and eliminate the use of pesticides where feasible and in some cases, cost-effective.

Proposed Modifications: In order to more efficiently report effectiveness of this BMP, it is proposed to combine 6.6.1 and 6.6.2 as follows:

6.6.1 Measurable Goal: *Report reductions in pesticide use on a departmental basis and provide update, if any, to the countywide IPM Strategy (years 1-5).*

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Planned Year 2 Activities: No additional activities beyond that proposed in the SWMP.

6.7 Storm Drain Maintenance					
Year	BMP	Current Status	Implementation Details	Measurable Goal	Implementing Entity
1-5	6.7 Storm Drain Maintenance	The County currently owns and maintains several storm water treatment control facilities, including seven CDS units, three bioswales, and one ultraviolet radiation treatment system.	Maintenance consists of regular inspections, removal of wastes from the CDS units on biannual basis, minor landscaping management efforts at the bioswales on as-needed basis, and vector control/treatment as-needed.	6.7.1 Establish and implement a cleaning schedule for County-owned and operated treatment control facilities (years 1-5).	County Public Works

6.7.1 Measurable Goal: *Establish and implement a cleaning schedule for County-owned and operated treatment control facilities (years 1-5).*

Status: The County owns and maintains seven CDS units, three bioswales, and one ultraviolet radiation treatment system, all located along the south coast. These were all maintained at various levels as discussed below.

The seven CDS units were cleaned in August 2006 by an outside vendor, United Storm Water. The following table illustrates the amount of waste removed from these storm drain systems, and the corresponding area treated.

CDS Maintenance August 2006

Location	Drainage Area (ac)	
	Watershed	Waste Removed (lb)
Turnpike	76 ac Atascadero	2,730
San Vicente (Rhoads E)	57 ac Atascadero	5,226
San Ramon (Rhoads W)	80 ac Atascadero	2,613
Escondido Pass	25 ac Isla Vista	2,763
Camino Del Sur	42 ac Isla Vista	3,250
Camino Pescadero	25 ac Isla Vista	6,110
Embarcadero	35 ac Isla Vista	2,800
Total	315 acres	25,492 lb

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Cleaning consists of removing all solids and liquids with a high power vacuum truck. The need for cleaning is based on the amount of rainfall; the more rain, the more solids are trapped in the units and the greater need for frequent cleaning.

Year 1 was one of the driest seasons on record, with a total of about 6 inches of rainfall. Prior years, where the CDS units were cleaned twice, had higher levels of rainfall. There was 22 inches in 05-06 and 37 inches in 04-05, and that year Turnpike became so full it failed. The cost of cleaning the units is just under \$2,000 per unit per cleaning. Options for the purchase of a county-owned vacuum truck of a size necessary for these large storm drain units are being pursued; vacuum trucks of this magnitude cost upward of \$300,000.



Turnpike CDS unit

Isla Vista CDS unit (at Embarcadero)

In addition to these seven units treating urban runoff in the unincorporated areas, the County also owns and maintains an eighth unit just downstream of the South County Transfer Station. The purpose of this unit is to capture any trash that migrate away from the transfer station due to wind, poorly tarped loads, or partially carried off by sea gulls. This unit is cleaned four times per year, and was cleaned four times in Year 1. The transfer station does not maintain records of amounts removed.

Bioswales. There are three bioswales maintained by the County. Each of these received treated runoff from the CDS units described above. The three bioswales include (1) Turnpike, which is located at the end of Turnpike Road before Atascadero Creek, (2) Rhoads East and (3) Rhoads West, both located within the Walnut Park Townhomes along Rhoads Ave. near Walnut Ave. Turnpike was installed in the fall of 2002; the Rhoads Ave. bioswales were installed in spring of 2003.

County staff make visual inspections of the three bioswales generally on a bi-weekly basis. During the inspections, staff look for overall appearance (trash, vandalism), health of vegetation, and during warmer months, inspection for the presence of mosquito larvae. Staff will apply VectoBac, a biocide that targets mosquito larvae, on an as-needed basis.

In FY 06-07, maintenance of the Turnpike bioswale consisted of removal of a large stand of cattails in the area of the drainage inlet. Heavy obstructive growth of vegetation can impede water flow diverted from the storm drain into the bioswale during storm events, diminishing the effectiveness of the treatment system. Also, accumulation of biomass will raise the bottom elevation, similarly impeding the flow and diminishing effectiveness. This is a particular problem

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at Turnpike bioswale because of the chronic low flows. These low flows are attributed to the residential neighborhood activities such as over watering, and commercial area discharges associated with large refrigerator condensate (Vons at Turnpike and Hollister).



Turnpike: Before cattail removal May 2006

Turnpike: After cattail removal Aug 2006



After cattail removal and regrowth of emergent vegetation, Mar 2007

No maintenance was necessary at the Rhoads Ave. bioswales. These bioswales are located on private property; landscaping is maintained by the Walnut Park Homeowners Association under contract to the County. There is little to no chronic low flow at these sites, which limits excessive growth of vegetation, particularly cattails.

However, a storm flow problem was observed at the Rhoads West bioswale. The problem is associated with the concrete path that runs through the center of the bioswale. The path was preexisting before bioswale installation, and originally constructed to provide low-flow conveyance. At the upstream end of the path, a small concrete berm was installed with the bioswale installation to divert water away from the path and into the bioswale.

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This winter, due to growth of vegetation and increased bottom elevation, water is following the concrete path, with less making it through the bioswale. This should be corrected by establishing a low flow channel to the side and/or increasing the height and width of the diversion berm. This was temporarily addressed during winter 06-07 using sand bags.

The third major treatment control device owned and operated by the County is a UV unit located at the downstream end of the CDS unit at Escondido Pass in Isla Vista. The control box is inspected at least monthly in order to track that equipment is functioning. Regular maintenance occurred as follows: January 25, 2007: quartz sleeve, UV Lamp, 2 O-ring set replaced, and the strainer cleaned. March 2007 a high temperature shutoff switch was installed. May 2007 the strainer was cleaned as part of routine maintenance.



Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. Cleaning of the CDS units removed a total of 12.7 tons (25,492 pounds) of trash over 315 acres of unincorporated area on the south coast.

Specifically, 5.3 tons (10,569 lb) of trash and pollutants were prevented from entering the Atascadero Creek / Goleta Slough watershed and 7.5 tons (14,923 lb) of trash and pollutants were prevented from entering the ocean in Isla Vista.

The three bioswales all treat runoff otherwise entering untreated into Atascadero Creek / Goleta Slough. These bioswales intercept diverted flows from the storm drain. Nuisance flows during the non-rainy season (non stormwater discharges from urban runoff) and flows from light rain are totally prevented from entering the creek. Therefore there is zero discharge of pollutants about 95% of the time (i.e. non-rainy days).

UV disinfection at the Escondido Pass unit reduces bacteria loading into the ocean in Isla Vista by 86% for total Coliform, 88% for E. coli, and 71% for enterococcus compared to the amount of these bacteria leaving the other three CDS units in Isla Vista (Embarcadero, Camino Del Sur, and Camino Pescadero).

6.0 Municipal Operations

Proposed Modifications: Ongoing maintenance of treatment control BMPs will continue; no modifications proposed.

Planned Year 2 Activities: During Year 2, the seven urban CDS units will be cleaned at least once; the Transfer Station CDS unit will be cleaned quarterly. The bioswales will be inspected biweekly and maintained as-needed. The Rhoads West bioswale diversion berm will be corrected (see discussion above). The UV system will be inspected at least twice/year to replace or clean parts as necessary.

6.8 Street Sweeping					
Year	BMP	Current Status	Implementation Details	Measurable Goals	Implementing Entity
1-5	6.8 Street sweeping	The County currently sweeps 22 miles of commercial and arterial streets.	County staff monitors the occurrence and forecast of storms year-round. After 4 to 6 weeks without rain, County staff initiates street sweeping on the basis of storm predictions.	6.8.1 Report number of lane-miles swept and number of events per year. 6.8.2 Report weight and volume of materials collected for each event	County Public Works

6.8.1. Measurable Goal: *Report number of lane-miles swept and number of events per year*

Status: Complete. The table below lists those streets that are swept in the unincorporated area on a regular basis for clean water. Streets were swept twice during Year 1. In the spring 2007, the contractor provided an estimate of the amount collected on each section of roadway; in September 2006, the contractor combined records for all the waste collected in each area and therefore only the total amount is shown.

Street Sweeping

	Street	From	To	Length One-way (ft.)	Amount June 07	Amount Sep 06
Orcutt Area	Orcutt Rd.	Foster Rd.	Winter Rd.	5,560	3 cy	NA
	Lakeview Rd.	Orcutt Rd.	Dixie Lee St.	1,031	0.5 cy	NA
	Clark Ave.	Broadway St.	Twitchell St.	1,929	1.5 cy	NA
	Broadway St.	Union Ave.	Park Ave.	594	0.5 cy	NA
	Clark Ave.	650 E of Bradley Rd.	Cherry Ave.	2,900	2 cy	NA
	Bradley Rd.	650 N of Clark Ave.	Via Alta	2,460	1 cy	NA

6.0 Municipal Operations

	Orcutt Total	14,474	8.5 cy / 3480 lb	7.5 cy / 4,900 lb
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Goleta Area	Street	From	To	Length One-way (ft.)	Amount May 2007	Amount Sep 2006
	Hollister Ave.	Lassen	Modoc	11,070	4 cy	NA
Turnpike Rd.	Hollister Ave.	Terminus	4,570	2 cy	NA	
Goleta Total				15,640	6 cy / 3,200 lb	2 cy / 2,200 lb

Area	Street	From	To	Length One-way (ft.)	Amount June 07	Amount Sep 2006
	Montecito	Olive Mill Rd.	Hill Rd.	Virginia Ln.	1,060	0.5 cy
Olive Mill Rd.		North Jameson Ln.	Hot Springs Rd.	2,590	3 cy	NA
Middle Rd.		Hot Springs Rd.	Coast Village Rd.	2,835	0.5 cy	NA
Hot Springs Rd.		City Limits	Hwy. 192	6,240	3 cy	NA
North Jameson Ln.		Sheffield Dr.	Olive Mill Rd.	-	2 cy	NA
San Ysidro Rd.		North Jameson Ln.	Bolero Dr.	9,342	3 cy	NA
East Valley Rd.		Hot Springs Rd.	Hodges Ln.	3,465	2 cy	NA
Montecito Total				25,532	14 cy / 6,080 lb	14 cy / 13,740 lb

Area	Street	From	To	Length One-way (ft.)	Amount June 07	Amount Sept 2006
	Summerland	Ortega Hill Rd.	Sears St.	Sheffield Dr.	4,452	4 cy
Lillie Ave.		Ortega Hill Rd.	Greenwell Ave.	3,380	1 cy	NA
Summerland Total				7,832	5 cy / 420 lb	1.4 cy / 2,760 lb

The contractor, A-1 Sweeping, uses a mechanical broom sweeper (Mobil M9E) followed by a regenerative air vacuum sweeper (Schwartz A7000). The dual sweep process collects a broader range of particle sizes, with the regenerative air sweeper able to collect the smaller sized particles (down to 10 microns) that are associated with more harmful contaminants.

In addition, the following County parking lots are swept monthly by A-1 Sweeping: Betteravia Center and the Santa Maria Courts complex at Cook & Miller, the County

6.0 Municipal Operations

Administration / Engineering building lots at Santa Barbara and Victoria Streets, the Garden Street lot, and the Departments of Social Services and Public Health parking at 315 Camino Del Remedio. The amounts removed from these locations are not documented.

Due to ongoing occasional debris on the roads, County Roads Division sweeps the following streets in the Santa Barbara / Goleta areas approximately every two weeks throughout the winter, and other roads on an as-needed basis for public safety (i.e., bike lanes).

- Hwy 101 overpass at Turnpike
- Cathedral Oaks Rd. – Bike lanes
- Hollister Ave. – Puente to Old San Marcos
- Via Rueda
- Alston Ave.
- Patterson Ave. – Cathedral Oaks to Queen Ann Lane.

This is performed by County Roads Division maintenance staff using a standard broom sweeper. The amounts removed on occasion from these locations are not documented.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program. Implementation removed street and gutter wastes from the storm drain system in amounts reported above. This resulted in a decrease in pollutant loading into the storm drain system.

Proposed Modifications: None.

Planned Year 2 Activities: Streets listed in the table above will continue to be swept at least twice per year.

6.8.2 Measurable Goal: *Report weight and volume of materials collected for each event*

Status: See Street Sweeping Table above.

Effectiveness: This BMP was implemented in accordance with the Storm Water Management Program reporting requirements. The data reported above indicate the amount of material intercepted before it enters local stream courses. This decreases the amount of pollutants load into the storm drain system.

Proposed Modifications: None.

Planned Year 2 Activities: Weight and volume of material swept will be reported.

6.0 Municipal Operations

6.9 Staff Training					
Year(s)	BMP	Status (July 2006)	Implementation Details	Measurable Goals	Implementing Entity
3-5	6.9 Staff Training	Many employees have job responsibilities that can affect water quality.	Staff will receive appropriate training on water pollution prevention.	6.9.1 Achieve 100% completion of countywide training by year 3. 6.9.2 Document number of training sessions presented (years 3-5). 6.9.3 Document number of staff attending (years 3-5). 6.9.4 Document number of email messages on water quality (years 3-5).	County -wide

6.9.1. Measurable Goal: *Achieve 100% completion of countywide training by year 3.*

Status: Although this BMP is not scheduled to be implemented until Year 3, Project Clean Water staff have provided training to new employees, to Environmental Health inspectors, and Fire Department staff.

All new employees are offered a class through the Employees University entitled: the Business of Local Government (PERS-100).

- 5/4/07 Santa Maria
- 3/3/07 Santa Barbara

Outline of New Employee Orientation

Employees University: New Employee Orientation

Project Clean Water Overview

This overview is intended to take 10 to 15 minutes to present. It can be presented with or without a PowerPoint presentation. Handouts will be provided by Project Clean Water.

What is Project Clean Water?

- County-wide program to protect water quality and public health in creeks and beaches
- Includes community members, NGOs and cities
- Funding began in 1998 in response to series of beach closures on south coast
- Now focused mostly on meeting federal mandate for municipal program to protect water quality

What's the condition of our waters?

- Historical storm runoff sampling - results typical of urban runoff

6.0 Municipal Operations

(bacteria, metals, pesticides)

- Regular beach sampling for indicator bacteria (closed vs. “advisory”)
- Illicit discharge detection / elimination sampling as-needed

What is my role as a County employee?

- County practices must prevent pollutants from entering storm drains
- Enforcement by state and federal government
- Know the County’s Fact Sheets
- Responsibilities vary, however the general responsibility is obvious...If it’s not rain, it doesn’t belong in the storm drain.
- Awareness applies to everyone. Help the County be a role model and steward of our resources.

What can I do as a resident of Santa Barbara County?

- Landscaping, car washing, dumping, pet waste, trash enclosures
- Contact Project Clean Water, 1 (800) OUR OCEAN and report illicit discharges or concerns you may have.

A copy of the PowerPoint presentation is shown in Appendix 6F.

Training was provided to Environmental Health inspectors on June 19, 2007. The subject for that training was the requirements of General Permit and the ongoing role that EHS inspectors provide enforcement through restaurant inspections. Three primary issues are: cleaning mats outside, dumping wash water outside, and material storage and maintenance outside. A copy of the attendees are shown in Appendix 6F.

Training was provided to Isla Vista Parks and Recreation Department on June 21, 2007. A copy of that presentation outline and attendees is shown in Appendix 6F.

Training materials for upcoming Water Pollution Protection Protocols (see BMP 6.2.1 and 6.2.2) have been developed for certain site specific activities, including vehicle facilities, fueling areas, loading/unloading, material management, and spill SOP. These are shown in Appendix 6F.

Effectiveness: Training of County staff was implemented prior to requirements of this SWMP. County employees were educated as to the importance of pollution control and the roll they could play. This increased the knowledge and awareness of the target audience.

Proposed Modifications: None.

Planned Year 2 Activities: Continue new employee orientations, appropriate EHS staff, and include the site specific activities training material during implementation of BMP 6.2.2.

6.0 Municipal Operations

6.9.2 Measurable Goal: *Document number of training sessions presented (years 3-5)*

Status: This will be implemented in year 3.

Effectiveness: NA

Proposed Modifications: None.

Planned Year 2 Activities: No additional activities proposed.

6.9.3 Measurable Goal: *Document number of staff attending (years 3-5).*

Status: This will be implemented in year 3.

Effectiveness: N/A

Proposed Modifications: None.

Planned Year 2 Activities: No additional activities proposed.

6.9.4 Measurable Goal: *Document number of email messages on water quality (years 3-5).*

Status: This will be implemented in year 3.

Effectiveness: NA

Proposed Modifications: None.

Planned Year 2 Activities: No additional activities proposed.

Report 3

ANNUAL INSPECTION SUMMARY REPORT

27 CCR Section 15290

Completed By: Judy Doyle-Fitzjarrell

Date Submitted: September 18, 2007

Fiscal Year: 07/01/2006 to 06/30/2007

CUPA: Santa Barbara County Fire

INSPECTION SUMMARY

PROGRAM ELEMENTS	1 No. of Regulated Business *	2 No. of Regulated Businesses Inspected	3 No. of Routine Inspections	4 No. of Routine Inspections That Returned to Compliance within Established Standards	5 No. of Other Inspections
A. Hazardous Materials Release Response Plans (HMRRP) *	1,424	463	491	30 ^①	77
B. California Accidental Release Prevention (CalARP)	45	3	4	-0- ^②	2
C. Underground Storage Tank (UST) Facilities	157	135	196	16 ^③	155
D. Aboveground Petroleum Storage Tank (AST) Facilities		-0-			
E. Hazardous Waste Generators (All)	1,060	293	321	41 ^④	7
F. RCRA Large Quantity Generators (LQG) (a subset of E)	4	1	1	-0- ^⑤	1
G. Recyclers	26	1	1	-0- ^⑥	-0-
H. Onsite Hazardous Waste Treatment (PBR, CA, CE)	26	3	1	-0- ^⑤	5
I. Permit by Rule (PBR)-- Household HW (HHW)	4	-0-	-0-	-0- ^⑤	-0-

INDICATORS OF INSPECTION CONSOLIDATION BY INSPECTION CATEGORY:	6 No. of Inspections
K. Combined Routine Inspections	131
L. Joint Inspections	34
M. Integrated or Multi-Media Inspections	25

OTHER INFORMATION	7 No. of Audits
N. CalARP Program -- Risk Management Plan Audits	

* The Report 3 counts of regulated businesses should be consistent with the counts shown on Report 2.

* Includes 433 Businesses at Vandenberg Air Force Base that are County and State Fee Exempt.

① - 96 Businesses were cited with violations – 30 complied within the due date.

② - None of the Businesses were cited with violations.

③ - 64 Businesses were cited with violations – 16 complied within the due date.

④ - 111 Businesses were cited with violations – 41 complied within the due date.

⑤ - None of the Businesses were cited with violations.

⑥ - None of the Businesses were cited with violations.