

**City of Paso Robles  
2008-2009 ANNUAL REPORT**

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

---

Check box if this is a  
new name, address, etc.

**Permittee Information**

1. Permittee (Agency Name): City of El Paso de Robles
2. Contact Person: Patti Gwathmey
3. Mailing Address: 1000 Spring Street
4. City, State and Zip Code: Paso Robles, CA 93446
5. Contact Phone Number: (805) 227-1654
6. WDID # 3 40MS03019
7. Have any areas been added to the MS4 due to annexation or other legal means? YES   
NO
8. Are you subject to the Design Standards contained in Attachment 4 of the  
General Permit? YES   
NO

**Reporting Period:** July 1, 2008 to June 30, 2009

## ***Table of Contents***

Executive Summary .....	1
Status of Measurable Goals.....	2
Rating Effectiveness .....	6
Minimum Control Measures .....	7
Public Education and Outreach.....	7
Public Involvement and Participation.....	17
Illicit Discharge Detection and Elimination .....	26
Construction Site Storm Water Control.....	35
Post-Construction Storm Water Management .....	41
Pollution Prevention/Good Housekeeping for Municipal Operations .....	47
Certification.....	53

## ***List of Tables***

Table 1. Status of Measurable Goals.....	2
Table 2. Adopted Sections of Roads.....	8
Table 3. Storm Water Web Page Hits .....	10
Table 4. Public Education and Outreach.....	16
Table 5. Water Education Program.....	20
Table 6. Staff Training .....	24
Table 7. Public Participation and Involvement. ....	25
Table 9. Targeted Outfalls .....	31
Table 10. Illicit Discharge Detection and Elimination.....	34
Table 11. Construction Site Storm Water Control.....	40
Table 12. Storm Water Control Measure Tracking Sheet .....	42
Table 13. Post-Construction Storm Water Management .....	46
Table 14. Facility Inspections.....	48
Table 15. Storm Water Training .....	50
Table 16. Additional Staff Training .....	51
Table 17. Pollution Prevention/Good Housekeeping for Municipal Operations.....	52

## ***Executive Summary***

The City's Storm Water Management Program (SWMP) was approved by the Central Coast Regional Water Quality Control Board (CCRWQCB) on January 6, 2005. The SWMP outlines a five year plan to improve the quality of storm water through Best Management Practices (BMPs) which educate the residents, businesses, contractors, and City staff about eliminating and reducing the amount of pollutants in storm water. This report covers the activities the City performed in Year four of the revised SWMP dated November 11, 2008

The City continues to make progress on implementation of the SWMP. Direct contact with the public in the outreach efforts in Public Education and Public Participation proved to be the most successful. The Industrial Waste Manager audited a classroom presentation for the storm water education program. The students were enthusiastic during the presentation and discussed storm water pollution with the contractor indicating that the students have retained the information provided to them in the various classroom presentations given by the City and the Integrated Waste Management Agency. On September 27, 2008, the City participated in the Countywide Creek Day. The number of volunteers participating in the event doubled from 70 in the previous year to 140 and volunteers removed abandoned items such as tires, a refrigerator, and a swing set. Many of the volunteers are Scout Troops and youth groups and the amount of trash collected has an impact on the kids

The City has focused on the hydromodification requirements issued by the RWQCB in February 2008. The City took the lead in the forming the Countywide San Luis Obispo Hydromodification Technical Advisory Committee and organizes the monthly meetings. The TAC is made up of representatives from the MS4s, engineering, development, and consulting communities. The original intent of the TAC was to develop hydromodification criteria. However, subsequent proposals from the Low Impact Development Center to develop hydromodification criteria regionally changed the focus of the group.

The storm water program suffered a set back when the storm water inspector was reassigned to another department due to budget cuts. This loss directly affected the number of Notice of Violations issued for storm water runoff violations observed by the inspector. However, during the short time that the program had an inspector, issuing Notice of Violations to businesses for discharging wastewater to the storm drain system from pressure washing outdoor surfaces raised awareness of the storm water program and resulted in an article in the *Paso Robles Press*.

Overall, the City feels that progress is being made implementation of the program and that the awareness of the Storm Water Program is increasing. However, the resistance from the community to being regulated on what can be discharged to the storm drain system and the number of storm water violations noted during construction inspections is indicative that education about the program and the importance of protecting water quality is important. This is the first step in changing the behaviors that will result in achieving the goal of improved water quality.

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

BMP	Description	Measurable Goal	Status	
			Status	On Schedule
<b>Public Education and Outreach</b>				
PE1	Adopt-A-Street Program	PE-1A: Track the # and % of increase in streets adopted (ongoing) and the # of water quality brochures/fact sheets distributed to those who adopt streets.	Ongoing	Yes
PE2	Storm Water Web Site	PE-2: Track the number of web site hits. (Ongoing)	Ongoing	Yes
PE3	Brochures and Fact Sheets	PE-3A: Complete watershed fact sheet for all residences (Year 2) and distribute in their Utility bills.	Completed	Yes
		PE-3B: Develop construction outreach brochure and distribute to all SWPPP required construction projects. (Year 2)	Completed	Yes
		PE-3C: Develop business outreach brochure. (Year 3)	Completed	Yes
		PE-3D: Develop and distribute illicit discharge brochure. (Year 2)	Completed	Yes
PE4	Storm water hotline	PE-4: Establish a storm water program hotline. (Year 2)	Completed	Yes
PE5	Storm drain marking	PE-5: Mark all storm drain inlets with "don't dump, drains to river" markers. (Year 3)	Ongoing	Yes
PE6	Event Participation	PE-6A: Identify local public events suitable for storm water information distribution (Year 1) and participate in local public events suitable to distribute storm water information. (Begin Year 2/ongoing)	Completed	Yes
<b>Public Participation and Involvement</b>				
PP1	Public Meetings	PP-1A: Whether or not a public meeting was held prior to SWMP approval. (Year 1)	Completed	Yes
		PP-1B: Whether or not a public meeting was held during Years 2 and 4 of SWMP implementation period.	Ongoing	No
PP2	Public Presentations	PP-2A: Completion of stock Presentation	Completed	Yes
		PP-2B: 5 presentations held per year. (Ongoing)	Ongoing	Yes
PP3	Web Page	PP-3: Is a comment form is included on the City's web page. (Year 2)	Completed	Yes
PP4	Volunteer Creek Clean Ups	PP-4: Whether or not clean up day is organized, sampling locations are identified and results are summarized. (Year 3)	Completed - Ongoing	Yes
PP5	City Employee Training	PP-5A: Whether or not a stock presentation was made (Year 2) and total number and percent of City employees with SWMP responsibilities were trained each year.	Completed - Ongoing	No

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

BMP	Description	Measurable Goal	Status	
			Status	On Schedule
<b>Illicit Discharge Detection and Elimination</b>				
ID1	IDDE Complaint Investigation and Response	ID-1A: Develop forms or a format for reporting public complaints or maintenance personnel actions regarding illicit discharges. (Year 1)	Completed - Ongoing	Yes
		ID-1B: Track the number of IDDE complaints or actions. (Ongoing)	Ongoing	Yes
		ID-1C: Respond to IDDE complaints within 24-hours. (Ongoing)	Ongoing	Yes
ID2	Illicit Discharge Comprehensive Ordinance Review	ID-2A: Review existing ordinances and revise to specifically address non-storm water discharges. (Year 3)	Completed	Yes
		ID-2B: ID-2A: Revise City's Engineering Standard Details and Specifications to incorporate Attachment 4 design standards. (Year 3)	In Process	No
ID3	Storm Drain Mapping	ID-3A: Develop storm drain atlas. (Ongoing)	Completed - Ongoing	Yes
		ID-3B: Identify target outfalls.	Completed	Yes
ID4	Identification and Elimination of Illicit Discharges	ID-4A: Inspect target outfalls twice annually. (Ongoing)	Ongoing	Yes
		ID-4B: Complete inspections for 50 % of outfalls. (Year 2 & 3)	Completed	Yes
		ID-4C: Identify source of pollutants of target outfalls. (Year 4)	Ongoing	Yes
ID5	Education and Outreach	ID-5: Develop an illegal dumping and illicit connection brochure. (Year 2)	Completed	Yes
ID6	Illicit Discharge Ordinance	ID-6: Develop an Illicit Discharge Ordinance. (Year 3)	In Process	No
<b>Construction Site Storm Water Control</b>				
CS1	Storm water Pollution Prevention Inspection Oversight Program	CS-1A: Develop SWPPP inspection program for construction sites greater than or equal to one acre.	Completed - Ongoing	Yes
		CS-1B: Begin on-site inspections. Develop a site inspection schedule and tracking mechanism.	Completed - Ongoing	Yes
CS2	Revise Grading Ordinance	CS-2: Revise the grading ordinance. (Year 4)	In Process	No

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

<b>BMP</b>	<b>Description</b>	<b>Measurable Goal</b>	<b>Status</b>	
			<b>Status</b>	<b>On Schedule</b>
<b>CS3</b>	Adoption of Existing BMP Manuals	CS-3 Adopt construction site BMP manuals. (Year 3)	Completed	Yes
<b>CS4</b>	Construction Outreach and Information Materials	CS-4: Track the # of brochures distributed annually and % of applicants receiving the brochures. (Ongoing)	Ongoing	Yes
<b>CS5</b>	Develop a Non-Storm-Water and Illicit Discharge Form for City Projects.	CS-5A: Develop a form to be included in the job specifications for City projects. (Year 4)	Not Completed	No
		CS-5B: Require the completed form be completed prior to the start of the job. (Year 5)	Modified	
<b>Post-Construction Storm Water Management</b>				
<b>PC1</b>	Land Use Policies in the General Plan	PC-1A: Develop a form to be used in a self-certification program for post-construction runoff controls on private property and include the authority in the post-construction ordinance. (Year 4)	Not Completed	No
		PC-1B: Establish a tracking mechanism of post-construction storm water controls installed to ensure all controls will be annually certified.	Completed	Yes
<b>PC2</b>	City Policy and Process Revisions	PC-2: The construction guidelines of the City's Standard Details and Specifications will be revised to be consistent with the LID Design Manual which will include the Attachment 4 provisions. (Year 3)	Modified	Yes
<b>PC3</b>	Development Requirements	PC-3A: Prepare a post-construction draft ordinance that complies with Attachment 4 standards. (Year 2)	In Process	No
<b>PC4</b>	Permitting Process	PC-4: Develop a post-construction storm water quality checklist to be used during the plan review process. (Year 2)	Completed	Yes
<b>Pollution Prevention/Good Housekeeping for Municipal Operations</b>				
<b>GH1</b>	Facility Maintenance	GH-1: Develop a form to report and randomly conduct inspections of maintenance activities and facilities, twice per Year to verify contractor adherence to City technical specifications. (Year 2)	Completed	Yes
<b>GH2</b>	Integrated Waste Management Association	GH-2: Increase the awareness about waste management by including IWMA's website in City brochures and fact sheets. (Year 3)	Ongoing	Yes

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

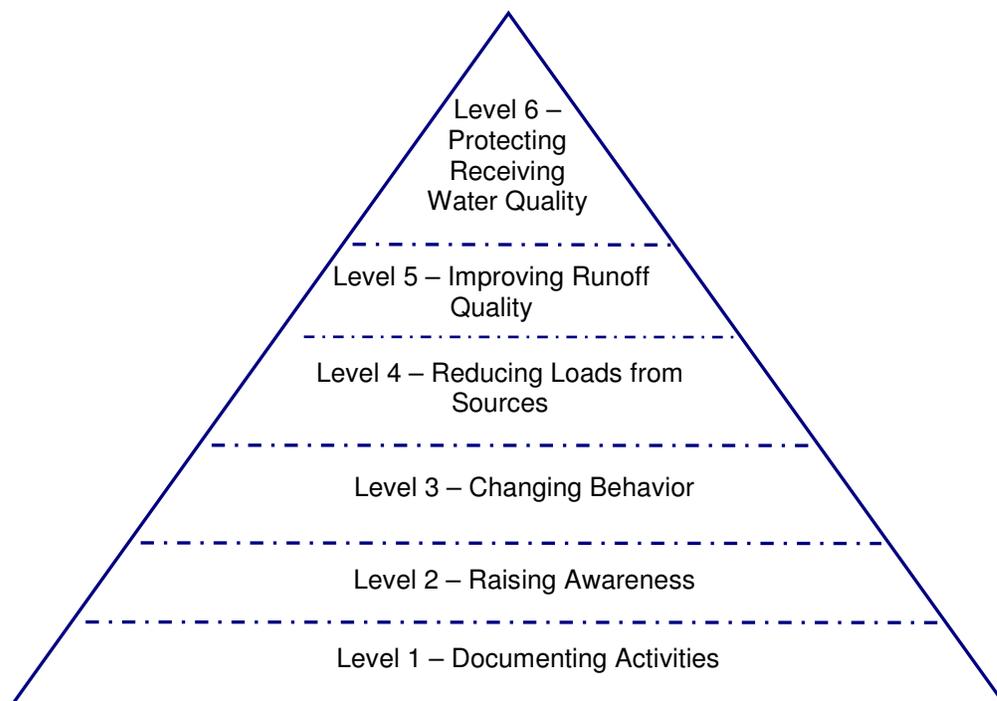
<i><b>BMP</b></i>	<i><b>Description</b></i>	<i><b>Measurable Goal</b></i>	<i><b>Status</b></i>	
			<i><b>Status</b></i>	<i><b>On Schedule</b></i>
<b>GH3</b>	Facility Surveys	GH-3: Develop Facility and Maintenance inspection forms and inspect 2 facilities (Year 2) Begin inspecting all City facilities and 2 maintenance activities per year. (Year 3, ongoing)	Completed	Yes
<b>GH4</b>	Development of BMP Fact Sheets	GH-4: By Year 2, one fact sheet will be developed to address treatment control, or structural control, BMPs. (Year 2)	Completed	Yes
<b>GH5</b>	Employee Training by City Depts.	GH-5: Storm water training will occur either quarterly or annually, depending on personnel involved. (Ongoing)	Ongoing	No

## Rating Effectiveness

The General Permit requires the City to assess the appropriateness and effectiveness of the individual Best Management Practices (BMPs) used to achieve the programs goals. In order to do this, the City is using a rating system described in the Municipal Stormwater Program Effectiveness Assessment Guidance manual developed by the California Stormwater Quality Association's (CASQA) to assist permittees in evaluating the progress and effectiveness of their storm water management programs.

This rating system uses outcome levels which refer to the results of a BMP or overall program. Program elements and control measures may have outcomes at more than one of the levels described and not all levels are applicable to all activities. The six outcome levels are shown below.

**Figure 1: Classification of Outcome Levels**



Level 1: This level reflects program development and implementation and basic compliance with the General Storm Water Permit requirements.

Level 2: At this level the target audience's awareness of an issue has been raised through education.

Level 3: The change in the target audience's behaviors results in the implementation of BMPs.

Level 4: The outcome is a reduction in the amounts of pollutants associated with specific sources resulting from the implementation of a BMP.

Level 5: Results in the reduction in one or more specific pollutants.

Level 6: Compliance with water quality standards, protection of biological integrity, and beneficial use attainment.

## Minimum Control Measures

The following sections describe the City's progress and assessment of effectiveness of the BMPs for the six required Minimum Control Measures (MCMs) as required under the Reporting Requirements and monitoring section of the General Permit. The BMPs listed in this report are as written in the Revised Storm Water Management Report dated May 6, 2008.

## Public Education and Outreach

### Additional Activities Implemented

- The City promotes the Our Water Our World program which offers information on less toxic pest management for the home and garden. Two retail stores in the City, Farm Supply and Orchard Supply Hardware, offer fact sheets to customers on less toxic pest control and display shelf talkers for home and garden products approved by the program.
- The Water Department sponsored a Sustainable Landscape Workshop Series which offered a workshop on Drip Irrigation – “A Hands on Approach” on June 28, 2008. The announcement for this series was mailed out in the utility bills. This series will continue into the summer with two additional workshops.



### BMP PE1: Adopt-A-Street Program

#### i. Measurable Goal

PE-1: *Maintain the existing program levels and expand the program by at least 25%. The City will provide further information regarding the benefits of protecting water quality to those who adopt streets. (On-going)*

#### ii. Status of Measurable Goals

The number of adopted streets dropped from 22 to 15 enrolled streets as of the end of Year 4. This represents an approximately 2% percent decrease in streets adopted during this reporting period.

The City has not been able to achieve an increase of 25% as desired. The Adopt-a-Street program is a voluntary program which relies on the initiative of individuals, companies, schools or organizations to enroll in the program. While the City has taken efforts to promote the program by listing the program on its web site as one of many potential volunteer activities, providing supplies and public recognition through street signage at adopted street location, the City was unable to increase public participation to the levels desired. The City did receive three calls from residents looking for information on the program. However, none of the callers signed up for the program.

Volunteers were contacted by phone in November 2008 to ask them to leave the bags of trash on the street and notify the storm water staff that they have collected trash. Five of the participants were not able to be contacted. Volunteers were contacted by phone again in May 2009 to confirm addresses for mailing surveys and brochures to. Volunteers were told that surveys were being mailed and asked to return them. During these calls it was learned that some of the volunteers pick up and dispose of the trash without contacting the City. It was explained to the participants that the City needs to track the number of bags and the weight of the bags for reporting purposes. There are also two areas in which volunteers that are not enrolled in the program pick up trash assigned to other volunteers.

A survey and two storm water brochures, “Help Stop Storm Water Pollution!” and “Stop Illegal Dumping” were sent to the 11 participants that could be contacted. Two of the participants were teachers that were given enough surveys for their students. One of the teachers returned six surveys. Only three other volunteers returned their surveys. Of the 9 surveys received, only one student answered that storm water goes to the treatment plant.

A total of 81 bags of trash were collected weighing a collective 611 pounds. See Table 2 below for a list of adopted streets and the number and weight of bags collected.

**iii. Effectiveness**

This BMP is highly effective at removing litter and debris dumped along the City streets that have active participants. It is very hard to get the exact amount of trash bags and weight of the bags picked up since many of the volunteers throw the trash away themselves even though it has been explained to them why the City needs to know the number and the weight of the bags. The reduction in the discharge of pollutants to receiving waters is quantifiable by the volume of debris collected which is consistent with CASQA Level 4: Reducing Loads from Sources.

**iv. Proposed Modifications**

No modifications are proposed.

**v. Brief summary of storm water activities planned for the next reporting cycle.**

The City will expand its effort to promote the program to attract new volunteers.

**Table 2. Adopted Sections of Roads**

Road	From	To	# of Bags	lbs.
Niblick Road	Bridge	Creston	3	45
Airport Road	Hwy 46 E.	Dry Creek		
Airport Road	Dry Creek	Tower		
North River Road	13th	City limit		
South River Road	Niblick	Charolais	1	10
South Vine Street	1st	Cuerno Largo	18	172
South Vine Street	Cuerno Largo	Hwy 46 W.	9	32
Riverside Avenue	4th	13th	10	58
Riverside Avenue	13th	24th	3	10

**Table 2. Adopted Sections of Roads**

<b>Road</b>	<b>From</b>	<b>To</b>	<b># of Bags</b>	<b>lbs.</b>
Theatre Drive	Hwy 46 W.	City limit	7	24
Golden Hill Road	Creston	Union	5	40
Rolling Hills Road	Creston	Golden Hill	11	72
Union Road	N. River	Golden Hill		
Union Road	Golden Hill	City limit	1	10
Experimental Station	Buena Vista	City limit		
Charolais Road	S. River	Creston	2	22
Creston Road	S. River	Rolling Hills	3	34
Creston Road	Rolling Hills	Scott	2	31
Creston Road	Scott	City limit	1	28
Linne Road	Creston	City Limits		
Spring Street	24th	36th		
Dallons Dr	Buena Vista	Golden Hill		
Navajo Pathway			8	68
<b>TOTAL</b>			<b>29</b>	<b>611</b>

**BMP PE-2: Web Site**

**i. General Summary**

*PE-2: Maintain and track the number of hits to the existing web page and add additional storm water program information before the end of Year 2. The City will continue to update the web page with additional information as it is developed and implement a web page tool that allows staff to view visitor numbers specifically for the SWMP web page and assess if the viewing hits increase or decrease per year in order to measure the level of public interest regarding storm water quality. (On-going)*

**ii. Status of Measurable Goal**

The storm water web page continues to be updated and expanded as needed. Additional links for Illicit Discharge, Detection and Elimination, the San Luis Obispo Countywide Hydromodification Technical Advisory Committee and Low Impact Development have been added. Relevant brochures, fact sheets can be downloaded and links to relevant sites are listed. The web site can be found at:

<http://www.prcity.com/government/departments/publicworks/stormwater/swmp.asp>

The City began tracking the total number of hits to the storm water web page as well as page views of different pages including the SWMP, construction, public education, etc. See Table 3 below for the number of total hits the City's Storm Water Web Page.

**iii. Effectiveness**

The web site is appropriate for a wide variety of community members including: businesses, schools, and citizens of all ages to look up or download information on how to reduce or eliminate storm water pollution and eliminate non-storm water discharges. It also allows people to comment or ask questions, or report illegal

discharges for those who prefer not to talk to a live person. This BMP is consistent with CASQA Level 2: Raising Awareness due to the number of website “hits”.

**Table 3. Storm Water Web Page Hits**

<i>Month</i>	<i>2008-2009</i>
<i>July</i>	166
<i>August</i>	165
<i>September</i>	181
<i>October</i>	74
<i>November</i>	16
<i>December</i>	44
<i>January</i>	100
<i>February</i>	199
<i>March</i>	131
<i>April</i>	129
<i>May</i>	125
<i>June</i>	117
<b>Total</b>	<b>1,447</b>

**iv. Proposed Modifications**

No modifications are proposed.

**vi. Brief summary of storm water activities planned for the next reporting cycle.**

The City will continue to update and expand the storm water web page and monitor and record web site hits on a monthly basis. The web site’s address will be included on all City storm water brochures/fact sheets.

**BMP PE-3: Brochure and Fact Sheets**

**i. General Summary**

PE-3A: *Distribute a general storm water fact sheet to all residents in their utility billing (Completed, Year 2).*

PE-3B: *Develop a storm water brochure for construction contractors describing the City’s BMPs for minimizing runoff from construction sites (Completed, Year 2).*

PE-3C: *Develop an English/Spanish storm water brochure for local businesses including information on specific pollution prevention measures businesses can employ to minimize storm water pollution and urban runoff such as sidewalk washing, cleaning restaurant floor mats, irrigation etc. The City will track the number of brochures distributed and dates of distribution. (Completed, Year 3)*

**ii. Status of Measurable Goals**

Brochures and fact sheets are developed and distributed by the City to educate the

community on ways they can prevent storm water pollution and non-storm water discharges. The brochures highlight water quality problems, identify pollutants of concern and provide examples of practices that can eliminate or reduce the pollutant of concern from entering the storm drain system.

PE-3A: A watershed brochure, "Help Prevent Storm water Pollution and Keep SLO County Beautiful" featuring Sammy the Steelhead was distributed to 10,000 residents in Year 2. This brochure continues to be handed out at public events. Approximately 70 of these brochures were handed out this past year.

An additional brochure on storm water pollution, "Help Stop Storm Water Pollution" was developed in April 2008. Approximately 10 of these brochures were distributed at public events and at City Hall. On June 2, 2009, 48 of these brochures were sent to Adopt-a-Street volunteers (includes two classrooms). The brochure is available on the City's storm water web page and will be handed out at future public events.

In May 2009 an existing brochure, "Stop Illegal Dumping" was revised to include the storm water line, and information on the Adopt-a-Street program and Integrated Waste Management's web site. On June 2, 2009, 48 of these brochures were also sent to current Adopt-a-Street Volunteers (this includes two class rooms).

PE-3B: A construction outreach brochure was developed in Year 2 as required and is distributed to all construction projects. The brochure continues to be handed out with grading permits issued this reporting Year and is also on the storm water web page.

PE-3C: A business outreach brochure "*Preventing Storm Water Pollution at Your Business!*" was created and mailed to 1,244 businesses in year 3 as required. This brochure covers various subjects such as pressure washing, washing off outside areas and general BMPs for preventing storm water pollution. This brochure is available on the City's storm water web page.

Cleaning hard surfaces and washing equipment outside at businesses especially at restaurants has been a reoccurring problem in the City. To target these problems the City developed informational brochures that address these discharges. The City's storm water inspector concentrated his efforts on these issues.

To help mobile cleaning services determine the proper method of disposing of wastewater from certain activities, the City developed a new booklet on for Mobile Cleaning Activities in August 2008. This booklet, "Best Management Practices for Mobile Cleaning Activities" covers BMPs for a variety of mobile cleaning services including surface cleaning, carpet cleaning, and food service. This booklet has been handed out to sidewalk cleaners and mailed to four business license applicants. Applicants applying for a City business license to provide mobile cleaning or mechanic services are required to contact the Industrial Waste Manager prior to approval of the application to discuss proper handling of wastewater and fluids. This booklet is available on the storm water web page.

Additional brochures targeting businesses continue to be distributed with Notice of Violations and during fats, oil, and grease (FOG) inspections:

- "Best Management Practices for Pressure Washing": Twenty of these brochures were distributed in reporting period also available on the storm water web page.

- “FOG, Storm Water, and Your Restaurant!” was developed in April 2008 for food establishments. This brochure was handed out at 122 FOG inspections in Year 4.

PE-3D: *Develop an illicit discharge fact sheet or brochure that describes the City's illicit discharge detection and elimination program. (Completed)*

An illicit discharge brochure was developed and distributed to 10,000 residents in Year 2 as required.

**iii. Effectiveness**

The City has created brochures/fact sheets that are targeted towards specific audiences and storm water issues within the City. These brochures/fact sheets are available on the storm water web page and distributed to businesses, developers, homeowners, food establishments during FOG inspections, and recipients of storm water related notices of violations.

Brochures and fact sheets can be an effective tool for educating residents and business owners about the City's Storm Water Program and the water quality issues such as pressure washing. The City did receive a few calls on the storm water information line regarding information in the brochures. The City tracks the number of brochures distributed (CASQA Level 1: Documenting Activities). It is expected that the businesses that receive brochures directly related to their business and requiring restaurants to implement BMPS listed in the brochures will ultimately result in a decrease of water quality-related violations (CASQA Level 3: Changing Behaviors).

**iv. Proposed Modifications**

No modifications are proposed.

**v. Brief summary of storm water activities planned for the next reporting cycle.**

The City will continue to develop and revise brochures and fact sheets to meet the specific needs of the storm water program. Educational materials planned for Year 5 include, utility bill inserts for residents with BMPs for proper disposal of grease to prevent sanitary sewer overflows and informational materials on Low Impact Development and Construction Site BMPs.

**BMP PE-4: Storm Water Hotline**

**i. Measurable Goal**

PE-4: *The City will provide a hotline number that residents and businesses and construction contractors can call to get information on the Storm Water Program, report water quality issues, or get other information.*

**ii. Status of Measurable Goals**

In April 2008, a designated Storm Water Information was added (805-227-7240) to the City's phone system. The phone is staffed during normal work hours and callers may leave a message after hours. The number is currently promoted on the City's storm water web site and recently created brochures. The number is also listed in the phone book and will be included in new brochures and fact sheets the City develops. In year four, six calls were received. Two of the calls were to report clogged storm drains and the other calls were from pressure washers who had been given Notice of Violations and brochures on the City's storm water program

and called for additional information. Two citizens called the main number for Public Works Department to report non-storm water discharges. Many citizens will call the main phone numbers for other departments when reporting illegal discharges because they are not sure which number to call.

Citizens can also call the Storm Water Pollution Prevention Hotline which was developed by the San Luis Obispo County Partners for Water Quality and manned by the County of San Luis Obispo.

**ii. Effectiveness**

The storm water information line is available for those who do not have access to the internet or who prefer talking to a real person to obtain storm water information or to report a storm water concern. Receiving reports of illicit discharges on this line allows City staff to respond immediately which can result in preventing or eliminating the illicit discharge from reaching the storm drain system. However, customers using the phone book tend to call the department numbers for the Streets or Public Works Departments to report issues related to storm water. The callers who used the storm water information line this past year had brochures with the number on it.

The number of phone calls the City receives is a measure of “raising community awareness” of the Storm Water Program and water quality issues and currently meets CASQA Level 1 Outcome: Documenting Activities.

**iii. Proposed Modifications**

No modifications are proposed.

**vi. Brief summary of storm water activities planned for the next reporting cycle.**

The City will continue to promote the storm water information phone number.

**BMP PE-5: Storm Drain Marking**

**i. Measurable Goal**

PE-5: *Begin marking each storm drain inlet within the City by the end of Year 3. Continue to mark storm drain inlets until they are all marked.*

**ii. Status of Measurable Goal**

The City estimates it has approximately 799 storm drain inlets. Some of these drain inlets are in areas, such as traffic lanes, and cannot be labeled. Volunteers with the Girl Scouts and Boy Scouts marked 300 storm drains in Years 2 and 3. City staff placed another 100 markers in Year 3. (Approximately 50% of the storm drain inlets have been marked.) A Girl Scout contacted the Streets Supervisor in June 2009 to volunteer to mark storm drains to earn her Gold Award. She will be marking storm drains on the west side of town during fall 2009. The City has ordered additional storm drain markers to mark the remainder drains in Year 5.

**iii. Effectiveness**

Storm drain markers are highly visible source controls that remind the public that storm drains flow directly to a waterway. However, it is very hard to measure the effectiveness of storm drain markers. It is hoped that the markers will be a constant reminder to residents to properly dispose of yard waste or other liquid wastes instead of putting them into the storm drains. The City meets CASQA

effectiveness rating Level 2: Raising awareness

**iv. Proposed Modifications**

No modifications are proposed.

**vi. Brief summary of storm water activities planned for the next reporting cycle.**

The City will mark the remaining drain inlets in year 5.

**BMP PE-6: Event Participation**

**i. Measurable Goal**

PE-6: *The City will participate in local public events and distribute information about the Storm Water Program at events it attends for other programs starting in year 1 (On-going). Develop a list of public events in Year1, where information can be distributed (Completed).*

**ii. Status of Measurable Goal**

The City participated in the five events described below during the 2008/2009 reporting period:

**Creek Day** – The City participated in the County-wide Creek Day on September 27, 2008. Over 140 volunteers picked up trash, tires, mattresses and cigarette butts. (See BMP PP4)

**Home and Recreation Show** - Over 20,000 people attended this two day event on April 25–26, 2009 at the Paso Robles Event Center (Mid-State Fairgrounds). Brochures, pencils, coloring books and fact sheets about storm water quality preservation and water conservation were handed out to attendees. The City teamed up with Atascadero Mutual Water Company, the City of San Luis Obispo, and the County of San Luis Obispo for this event.



**Fishing Derby** - 97 children participated in the Fishing Derby on April 25, 2009 at the lake at Barney Schwartz Park. The City distributed storm water brochures, Sammy Steelhead coloring books and had a hands-on demonstration of how a small quantity of oil can contaminate local water and negatively affect aquatic life.

**Art Festival** – The City of Paso Robles held an inaugural Festival of the Arts on May 23, 2009 as part of the Salinas River Corridor Project. The event featured River-themed art and was attended by approximately 5000 people. Sammy Steelhead made two appearances and a booth dedicated to Watershed Health and Water Conservation featured Sammy Steelhead coloring books and brochures on preventing storm water pollution and water conservation.





**WaterFest** - The third annual WaterFest in San Luis Obispo County took place at the Rock in Morro Bay on June 20, 2009. In addition to participating in the event by having a booth, the City was also a sponsor and provided \$900 cash to help defray costs. Approximately 1700 people, including at least 420 children, participated and learned about our critical local water resources. Thirty-three educational activities were offered for children.



PE6-B: *Develop a storm water display for public events.* (Completed)

The City created a 72" x 30" mobile presentation board with information on how to prevent storm Water pollution. This Board will be updated in year 5.

**iii. Effectiveness**

Public event participation increases community knowledge and awareness of the storm water program and water quality issues. It is hard to determine the effectiveness of public events such as the fishing derby and the Arts Festival. WaterFest draws a large number of people where the importance of protecting water quality is the main emphasis. This event is the effective at raising the awareness of water quality. Participating in public events is consistent with CASQA Level 2: Raising Awareness.

**iv. Proposed Modifications**

In past years, the City's Capital Improvements Project (CIP) Engineer has helped with attending public events for the storm water program, but is now assigned to other work. Also, the storm water program currently does not have a dedicated inspector. The number of events that the City attends will be reduced in the next reporting period. The City's plans to hire two Industrial Waste/Stormwater Inspectors by late 2011, which will facilitate improved public education in subsequent reporting years.

**vi. Brief summary of storm water activities planned for the next reporting cycle.**

The storm water mobile presentation board will be updated and revised to include current information such as the Storm Water Information line.

**Table 4. Public Education and Outreach**

<b>BMP</b>	<b>Description</b>	<b>Measurable Goal</b>	<b>Status</b>						
			<b>Implemented</b>	<b>On Schedule</b>	<b>Exceeded</b>	<b>Modified</b>	<b>Effective</b>	<b>Not Effective</b>	<b>Unknown</b>
<b>PE1</b>	Adopt-A-Street Program	PE-1: Track the # and % of increase in streets adopted and the # of water quality brochures/fact sheets distributed to those who adopt streets. (Ongoing)	Yes	Yes		X	X		
<b>PE2</b>	Storm Water Web Site	PE-2: Track the number of web site hits.	Yes	Yes			X		
<b>PE3</b>	Brochures and Fact Sheets	PE-3A: Complete watershed fact sheet for all residences (Year 2) and distribute fact sheet in utility bills.	Yes	Yes			X		
		PE-3B: Develop construction outreach brochure and distribute to all SWPPP required construction projects. (Year 2)	Yes	Yes				X	
		PE-3C: Develop business outreach brochure. (Year 3)	Yes	Yes	X				
<b>PE4</b>	Storm Water Hotline	PE-3D: Develop and distribute illicit discharge brochures at public events/meetings, display IDE brochure at City office. (Year 2)	Yes	Yes				X	
<b>PE5</b>	Storm Drain Marking	PE-4: Establish a storm water program hotline. (Year 2) PE-5: Mark all storm drain inlets with "don't dump, drains to river" markers. (Year 3)	Yes	Yes				X	
<b>PE6</b>	Event Participation	PE-6: Identify local public events suitable for storm water information distribution (Year 1). Participate in local public events suitable to distribute storm water information. (Year 2/ongoing)	Yes	Yes			X		

## ***Public Involvement and Participation***

### ***Additional Activities Implemented***

- The City's Water Education Program included 20 presentations on water conservation to 3<sup>rd</sup> - 7<sup>th</sup> grade. See BMP PP-2B and Table 5 for a list of the presentations.

### ***BMP PP-1: Public Meetings***

#### ***i. Measurable Goal***

PP-1A: *The City will hold a public meeting to present the SWMP to the community, City Council, and other City Departments and to receive comments on the draft program (Completed, Year 1)*

PP-1B: *The City will hold two public meetings over the course of the next five Years to update the community, City Council and City Departments on the progress of the storm water program (Completed, Years 2 & 4).*

#### ***ii. Status of Measurable Goals***

PP-1A: This meeting was held as scheduled during the Year 1 reporting period.

PP-1B: The first meeting was held on schedule during the Year 2 reporting period. The second meeting was on October 7, 2008. The City Council was briefed on the accomplishments of the Storm Water Program when the Annual Storm Water Report was opened for public comment and review.

During that meeting one business owner commented that he disagreed with not being able to allow the runoff from cleaning the sidewalks at his business to flow to the street and being required to install a grease interceptor. No other comments were received during the meeting or for the 30 day comment period on the annual report.

#### ***iv. Effectiveness***

Holding public meetings is intended to be a means to involve the community and the City Council members in the program. These meetings do keep the City Council members updated which is very important since they routinely receive complaints from community members who are upset about new restrictions such as not allowing the wastewater from pressure washing sidewalks to enter the storm drain system. However, it is not an effective method of involving the community. Citizens do not regularly attend City Council meetings and it is unknown how many citizens listen to the meetings on the radio. This BMP meets CASQA effectiveness level 1 (Documenting activities) and level 2: Raising Awareness because it helps the City Council members understand the Storm Water Program requirements.

v. **Proposed Modifications**

No modifications are proposed.

v. **Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

Since the City is in the last year of the permit, the SWMP will be revised and will be taken to the City Council for public comment.

**BMP PP-2: Public Presentations**

i. **Measurable Goal**

PP-2A: *The City will prepare a “stock presentation” that informs the community about the need for and the benefits of the storm water program and SWMP (Completed).*

ii. **Status of Measurable Goals**

The City completed a stock presentation in Year 2. An updated stock presentation was completed in May 2008 by a contractor. The presentation is a general overview of the history and requirements of the storm water program and can be used for all audiences.

PP-2B: *The City will conduct five presentations per year to community groups. The City will track the number of participants at each presentation, as well as the percentage increase or decrease in participation over the course of 5 years.*

The City presents the stock power point presentation as a background of the Storm Water Program and staff then discusses the specific concerns of the stakeholders at the presentation.

The City completed its goal in Year 4 of providing five presentations to various community groups.

- **Liberty High** – The power point presentation discussing the history and requirements of the storm water program, program and what individuals can do to prevent storm water pollution was given to a class of 20 students.



- **Mid-State Fair**- A workshops entitled “How to Compost” was sponsored by the City and the County of San Luis Obispo as one of the demonstration events at the Mid-State Fair on July 30, 2008. The event was part of the Floriculture Department of the Mid-State Fair. Materials from the Our Water Our World program on non-toxic ways to get rid of pests in the garden were provided. Approximately 40 people attended the workshops. Activities for children included looking for earthworms in plates filled with compost. Attendees were encouraged to ask questions, and to take home the brochures provided.

- **Water Education Program** – The City contracts with Science Discovery to provide classroom presentations to 3rd through 7th grade storm water and water conservation. These presentations meet the California Academic Standards. The storm water presentation uses two interactive story boards designed by the contractor to help inform students of potential pollutants found in their homes and yards and how each student can prevent contamination of the local creeks, river and the ocean. The storm water presentation was given to 8 classes in the Paso Robles Public Schools (approximately 25 students per class. Additionally, 22 water conservation classes were given. See Table 5 below for the location of the presentations and the grade levels.



The number of teachers requesting the storm water program decreased this year however, the requests for the water conservation presentation increased. A couple of reasons could attribute to the drop, but it is believed that the main reason is lack of rain and the importance of water conservation which has been heavily advertised in the City.

The Wastewater Division is having Science Discovery develop a wastewater presentation that will include a field trip to the Wastewater Treatment Plant. Teachers that sign up for the all three water quality presentations, storm water, water conservation and wastewater will receive t-shirts for all of their students with the slogan “I Conserve It & Keep It Clean! Our Future - Water”. This will hopefully encourage teachers to sign up for all the presentations and students will learn how the three subjects are related.

- **Main Street Association** – The City’s CIP Engineer and the Industrial Waste Manager spoke at the Main Street Association’s Economic Restructuring Committee on August 13, 2008, to discuss the City’s Storm Water Program and cleaning of sidewalks and awnings. The Main Street Association was interested in learning about the Storm Water Program and how business owners can comply with the City’s storm water requirements when cleaning awnings and sidewalks. The power point presentation on the City’s Storm Water Program was given to approximately 12 committee members.

The members were given brochures on “Best Management Practices for Pressure Washing” and – booklets on the “Best Management Practices for Mobile Cleaning Activities”.

- **City of Paso Robles Planning Commission** – On June 9, 2009, Darla Ingles, PhD., from the Central Coast Low Impact Development Center and City Engineer John Falkenstien gave a presentation to the City’s Planning Commission on Low Impact Development and Green Streets. This presentation was to introduce the commission members to the history, concept, and benefits of Low Impact Development (LID) and

examples of LID were shown.

The committee members were interested in how LID would be implemented and asked both Darla Ingles and John Falkenstien numerous questions about the presentation.

**iv. Effectiveness**

Presentations that are specific to a certain audiences, such as businesses or the Planning Commission, can create support for the program by understanding the importance and the goals of the program. Additionally, the information is usually well received and the possibility of changing behaviors is more likely. The effectiveness of school presentations is not easily measured because it is meant to form long-term habits in protecting water quality and water conservation. This BMP is consistent with CASQA Level 2: Raising Awareness.

**v. Proposed Modifications**

The City would like to reduce the number of presentations from five to two presentations per year. As previously stated the City's CIP engineer is no longer working in the Storm Water program, the City currently does not have a dedicated storm water inspector, and the City has been concentrating much of its efforts in hydromodification requirements. Given limited staff resources and development currently in the planning stages, the City believes post-construction runoff control justifies more attention than general storm water public education at this time.

**vi. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will continue to work with Science Discovery to provide storm water and water conservation classes. As stated above the Wastewater Division is adding a wastewater presentation to the water education program.

**Table 5. Water Education Program**

City of Paso Robles 2008-2009 School Year			
Date	Program	School	Grade
9-26-08	Conservation	Pifer	4 <sup>th</sup>
9-26-08	Conservation	Pifer	4th
9-29-08	Conservation	Liberty High	11th
2-26-09	Conservation	Kermit King	5th
2-26-09	Conservation	Kermit King	5th
3-3-09	Conservation	Virginia Peterson	5th
3-3-09	Conservation	Virginia Peterson	5th
3-3-09	Conservation	Virginia Peterson	5th
3-3-09	Conservation	Virginia Peterson	5th
3-3-09	Conservation	Virginia Peterson	5th
<b>3-12-09</b>	<b>Storm Water</b>	<b>Pifer</b>	<b>4th</b>

**Table 5. Water Education Program**

<b>City of Paso Robles 2008-2009 School Year</b>			
<b>Date</b>	<b>Program</b>	<b>School</b>	<b>Grade</b>
<b>3-12-09</b>	<b>Storm Water</b>	<b>Pifer</b>	<b>4th</b>
3-13-09	Conservation	Bauer Speck	5th
3-13-09	Conservation	Bauer Speck	5th
3-13-09	Conservation	Bauer Speck	5th
3-18-09	Conservation	Flamson M.S.	6-7
3-18-09	Conservation	Flamson M.S.	6-7
3-18-09	Conservation	Flamson M.S.	6-7
3-18-09	Conservation	Flamson M.S.	6-7
4-24-09	Conservation	Georgia Brown	5 <sup>th</sup>
4-24-09	Conservation	Georgia Brown	5th
<b>5-14-09</b>	<b>Storm Water</b>	<b>Daniel Lewis</b>	<b>6-7</b>
<b>5-14-09</b>	<b>Storm Water</b>	<b>Daniel Lewis</b>	<b>6-7</b>
<b>5-14-09</b>	<b>Storm Water</b>	<b>Daniel Lewis</b>	<b>6-7</b>
<b>5-14-09</b>	<b>Storm Water</b>	<b>Daniel Lewis</b>	<b>6-7</b>
<b>5-14-09</b>	<b>Storm Water</b>	<b>Daniel Lewis</b>	<b>6-7</b>
<b>5-14-09</b>	<b>Storm Water</b>	<b>Daniel Lewis</b>	<b>6-7</b>
5-15-09	Conservation	Virginia Peterson	3rd
5-15-09	Conservation	Virginia Peterson	3rd
5-15-09	Conservation	Virginia Peterson	3rd
5-15-09	Conservation	Virginia Peterson	3rd
6-4-09	Conservation	Kermit King	3rd
6-4-09	Conservation	Kermit King	3rd

**BMP PP-3: Web Page**

**i. Measurable Goal**

PP-3: *The City will include a comment form as part of the City's web page in Year 2 of the program and respond to comments as necessary. The City will track the number of comments received from the public on the web page, as well as the percent of comments that result in a response from the City. (Completed).*

**ii. Status of Measurable Goals**

The City has a storm water web page which gives the community access to information about the City's Storm Water Program, educational materials and links to related web sites. The web page also gives citizens a method to report clogged storm drains, comment on the program and anonymously report illegal discharges and spills.

The City used the general comment/suggestion form for the City's web site to solicit comments during the Year 2. The City did not receive any

comments on the storm water program. Therefore a program-specific comment form was created in June 2008 to encourage web site users to comment and ask questions on the storm water program. No comments or questions were received during the 2008-2009 period.

**iii. Effectiveness**

Providing a comment form on the City's web site and the storm water web page is consistent with CASQA Level 1: Documenting Activities. However, the fact that the community has not used the City's web site is not an effective measurement of public participation in the storm water program. Community members are not usually active in City programs unless it will adversely affect them. It appears that business owners prefer to call on the phone to make comments about storm water comments and this is usually done when they have been issued a notice of violation.

**iv. Proposed Modifications**

No modifications are proposed.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will continue to track comments or questions received through the comment form.

**BMP PP-4: Volunteer Creek Clean Ups**

**i. Measurable Goal**

PP-4: *The City will organize a volunteer-based creek clean-up day in the fall of Year 3 and continue these clean-up days. The City will identify sampling locations for water quality sampling before and after the clean-up day. (Completed, on-going)*

**ii. Status of Measurable Goal**

Creek clean up programs are designed to educate the public on the importance of protecting water quality by involving volunteers in the collection of trash, junk, and debris which demonstrates importance of not littering and properly disposing of trash and debris.



The City participated in the County-wide Creek Day on Saturday, September 27, 2008. This was the 3<sup>rd</sup> year that the City planned this event with the Upper Salinas-Las Tablas Resource Conservation District. The City advertises the event in local magazines and used utility bill inserts to notify the public about the event. The event was held at Larry Moore Park which is adjacent to the Salinas River. Over 140 volunteers removed 12

tires, a refrigerator, one metal drum, bed mattresses, a backyard swing set, and filled two dumpsters full of trash. Volunteers also pulled noxious weeds near the River. Volunteers also filled 100 small bags of cigarette butts which are provided by the County of San Luis Obispo Tobacco Control Program.

Water quality samples were taken before and after the event at two locations (upstream and downstream of the clean up area). The samples were tested for pH, suspended solids, electrical conductance, total organic carbon and turbidity. The results were inconclusive.

**iii. Effectiveness**

This event is very effective for involving the public in a storm water event and educating the public about the proper disposal of trash. Attendance doubled this year. Many of the volunteers are children or youth and observing the amount of trash removed from the Salinas River has the potential to create long term behavioral changes.

The effectiveness of the event is quantifiable by the volume of debris collected and the number of volunteers. This BMP is consistent with CASQA Level 2: Raising Awareness, CASQA Level 3: Changing behaviors and Level 4: Reducing Loads from Sources.

**iv. Proposed Modifications**

The water sampling will be discontinued. The Salinas River does not have any flow during the months of September and October. Therefore, the samples are taken in stagnant pools of water found within the river and are not representative of water quality in the Salinas River.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will continue to participate in and promote County-wide Creek Day. An additional area has been added for trash removal due to the number of volunteers.

**BMP PP-5: City Employee Training**

**i. Measurable Goal**

PP-5: *The City will modify the “stock presentation” to focus on an overview of each of the minimum control measures in Year 2 of the program. Each City employee responsible for implementing the storm water program will receive training. The City will track the number of employees who attend each presentation, as well as the percent of employees trained by the end of each program year. (Completed)*

**ii. Status of Measurable Goals**

City staff with specific responsibilities in implementing different aspects of the storm water program received additional training at workshops, short courses or EPA web casts. Table 6 below lists the staff and the trainings attended.

**iii. Effectiveness**

Training for staff with implementation responsibilities keeps staff up-to-date on storm water issues related to their jobs. The outcome of this BMP is CASQA Level 2: Raising Awareness.

**iv. Proposed Modifications**

This BMP should be deleted since it is the same as BMP GH-5: Employee Training by City Departments to eliminate repetitive BMPs.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

City staff with implementation responsibilities in the storm water program will continue to receive training whenever possible.

**Table 6. Staff Training**

Staff Person	Position/Responsibility	Training
Patti Gwathmey	Industrial Waste Manager (Storm Water Program Administrator)	<ul style="list-style-type: none"> <li>• Erosion Control &amp; Low Impact Development</li> <li>• EPA Webcast: Tools &amp; Guidance for Developing Your Post-Construction Stormwater Management Program</li> </ul>
Ditas Esperanza	Capital Projects Engineer	<ul style="list-style-type: none"> <li>• Erosion Control &amp; Low Impact Development</li> <li>• Permeable Interlocking concrete Pavements—Selection, Design, Construction and Maintenance</li> </ul>
Dan Carrigan	Building Inspector	<ul style="list-style-type: none"> <li>• Erosion Control &amp; Low Impact Development</li> </ul>

**Table 7. Public Participation and Involvement.**

<b>BMP</b>	<b>Description</b>	<b>Measurable Goal</b>	<b>Status</b>						
			<b>Implemented</b>	<b>On Schedule</b>	<b>Exceeded</b>	<b>Modified</b>	<b>Effective</b>	<b>Not Effective</b>	<b>Unknown</b>
<b>PP1</b>	Public Meetings	PP-1A: Whether or not a public meeting was held prior to SWMP approval. (Year 1)	Yes	Yes			X		
		PP-1B: Whether or not a public meeting was held during Year 2 and 4 of SWMP implementation period.	Yes	Yes			X	X	
<b>PP2</b>	Public Presentations	PP-2A: Completion of stock presentation.	Yes	Yes			X		
		PP-2B: 5 public presentations held per Year.	Yes	Yes		X	X		
<b>PP3</b>	Web Page	PP-3: Whether or not a comment form is included on the City's web page. (Year 2)	Yes	Yes				X	
		PP-4: Whether or not clean up day is organized, sampling locations are identified and results are summarized. (Year 3)	Yes	Yes				X	
<b>PP4</b>	Volunteer Creek Clean Ups	PP-5: Whether or not a stock presentation was made (Year 2) and total number and percent of City employees with SWMP responsibilities were trained each Year.	Yes	Yes			X		
			Yes	Yes		X	X		
<b>PP5</b>	City Employee Training		Yes	Yes		X	X		

## ***Illicit Discharge Detection and Elimination***

### ***Additional Activities Implemented***

The City implemented additional activities to reduce and eliminate illicit discharges this reporting period.

- The City inspected 122 food establishments for Fats, Oils, and Grease (FOG) and storm water in year 4. The FOG program requires all food facilities to have and properly maintain a grease removal device in order to reduce the amount of grease accumulating in the City's collection system and sanitary sewer overflows as a result of the grease blockages.

Inspections include a storm water component and each food establishment inspected is given the brochure, "FOG, Storm Water and Your Restaurant!" which lists BMPs for both grease handling and Storm Water. Restaurant owners are required to train all of their employees on these BMPs.

- The City contracts with Paso Robles Waste Disposal to provide curbside pick up of used oil for residents. This service is listed on the City's web site at:

<http://www.prcity.com/government/departments/publicworks/trash-recycling/faq.asp#oil>

### ***BMP ID-1: Enforcement Authorities***

#### ***i. Measurable Goals***

ID-1A: *The City will develop forms or a format for reporting public complaints or maintenance personnel actions regarding illicit discharges. (Completed)*

ID-1B: *The City will track the number of complaints received from all sources including incident reported by the Fire Department and the Police Department that enter the storm drain. (Ongoing)*

ID-1C: *Respond to complaints illicit/illegal discharges within 24 hours of receiving the complaint, referral or notice. The City will report the number and percentage of illicit discharges that are contained and remedied when the response to the problem occurred with the first 24 hours of notification. (Ongoing)*

#### ***ii. Status of Measurable Goals***

ID-1A: A reporting form for the public to report illicit discharges was designed in Year 1 and is available on the city's storm water web page. No complaints were received in year 4 off of the web site. City employees have been directed to notify the Industrial Waste Manager directly by phone or e-mail so the response to the complaint is not delayed.

ID-1B: The City tracked complaints received by all sources and discharges observed by the City's storm water inspector. The city received 12 complaints: 5 from outside sources and 7 from City staff. 16 illicit discharges were observed by the inspector.

ID-1C: The City responded to all of the complaints and referrals received within 24 hours of receiving the complaint during normal working hours. A complaint log is kept that list the date, site, complaint type, substance, responsible party, and if a Notice of Violation (NOV) was issued. Twenty complaints resulted in NOVs being issued. Six of the complaints had either been resolved or were minor and received warnings.

One complaint resulted in criminal prosecution. The owner of a radiator shop was observed by workers of a nearby business dumping two five gallon buckets into a storm drain. The workers reported the illegal dumping to the City and to County Environmental Health. Environmental Health staff sampled the storm drain and found the liquid and sludge to be hazardous waste. The storm drain that the waste was dumped in is not a flow through drain, therefore the hazardous waste was contained and the City contracted a hauler to pump out the entire contents of the drain. County Environmental Health took legal action against the owner.

Issuing complaints to local businesses that discharged wash water to the gutters and storm drains from washing sidewalks and awnings raised concerns from local businesses and resulted in an article in the local newspaper, *Paso Robles Press* on July 21, 2008, titled "City Spreading Awareness on State Stormwater mandate". Many downtown businesses also voiced concerns to the Main Street Association which resulted in the City giving a presentation to their economic restructuring committee on August 13, 2008 as discussed in BMP PP2.

The number of complaints received and Notice of Violations issued in Year 4 increased by eleven due to the fact that Notice of Violations and complaints were only tracked for 3 months during Year 3. During Year 4 the majority of the NOVs were issued between July and December 2008, when the storm water program had a full time inspector. Due to budget constraints, the storm water inspector was transferred to another City department. Table 9 below shows the number and types of violations issued.

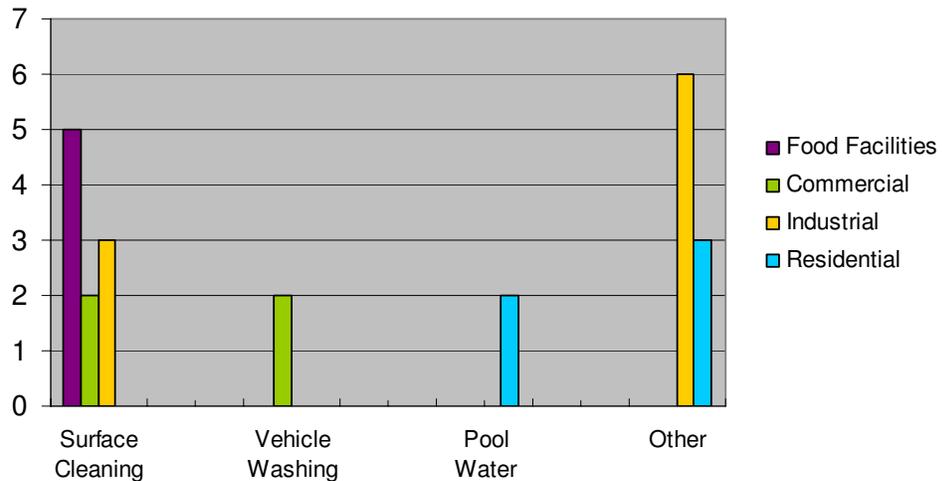
**iii. Effectiveness**

The reporting forms are not used since they are not an effective means of reporting discharges. Completed forms would be sent through inter-office mail which would delay the response time to the discharge. City staff and the public use the phone to report discharges. Phone calls allow City staff to respond to complaints or reports of illegal discharges in a timely manner, which can reduce the impact on the storm water system or prevent pollutants from entering the waterways, as well as educating the responsible party about storm water pollution.

Tracking the types of complaints and Notice of Violations issued allows the City to determine the areas that the City needs to focus storm water education on. Additionally, many of the recipients of NOVs are unaware of

the potential problem of discharging polluted water to the storm drain system. Issuing a written Notice of Violation gives City staff a chance to discuss the storm water program and is a method for tracking compliance. Responding to complaints of illicit discharges, educating the responsible party and issuing Notice of Violations is consistent with Level 2: Raising Awareness and CASQA Level 3 Changing Behaviors. Recording and tracking the number of incidents is consistent with CASQA level 1: Documenting storm water program activities.

**Table 8. Types of Complaints**



**iv. Proposed Modifications**

No modifications are proposed.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will continue to track the number of complaints and respond to reports of illicit discharges or spills received from the public and staff.

**BMP ID-2: Illicit Discharge Comprehensive Ordinance Review**

**i. Measurable Goals**

ID-2A: The City will conduct a review of existing ordinances in Year 3, including the grading ordinance, zoning ordinance, Ordinance numbers 11.24.010 and 11.24.020, to determine if any revisions are necessary to specifically address non-storm water discharges and illicit discharges. (Completed)

ID-2B: The City's Standard Details and Specifications will be revised in Year 3 to address the Design Standards included within Attachment 4 of the General Permit. (Modified)

**ii. Status of Measurable Goals**

ID-2A: The City contracted with the Wallace Group in Year 3 to conduct a comprehensive ordinance review. The review also included The City's Standard Details and Specifications, Standard Conditions of Approval and Rules and procedures for the implementation of CEQA.

ID-2B: The Design Standards in Attachment 4 have been placed in the Draft Storm Water Ordinance under the construction standards. The Draft Storm Water Ordinance will be considered for adoption by City Council in November or December 2009. (If the ordinance requires a California Environmental Quality Act determination, ordinance adoption may be delayed until late winter/early spring 2010.) The City has written a Water Quality section for the City's Standard Details and Specifications. See Attachment B. This section covers source control measures for all construction sites within the City. This Section will be referenced in the Grading Ordinance, City Job Specifications, and the Storm Water Ordinance.

**iii. Effectiveness**

Adopting the draft Storm Water Ordinance with the Design Standards in Attachment 4 and the Water Quality Section into the City Standard Details and Specifications will be effective in reducing loads from Source which consistent with CASQA Level 4. Currently it is consistent with CASQA Level 1: Documenting Activities.

**v. Proposed Modifications**

ID-B2 has been modified. The Attachment 4 requirements have been placed in the Storm Water Control Ordinance instead of the City Standard Details and Specifications. ID-B2 should be eliminated since the Storm Water Control Ordinance will cover any construction work within the City.

**vi. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will take the Draft Storm Water Ordinance (includes the Design Standards for Attachment 4) and Water Quality section for the City Standard Details and Specifications to the City Council for public comment and adoption in November or December 2009. If the ordinance requires a California Environmental Quality Act determination, ordinance adoption may be delayed until late winter/early spring 2010.

**BMP ID-3: Storm Drain Mapping**

**i. Measurable Goal**

ID-3: The storm drain mapping effort will begin in Year 1 and will be completed by Year 4. (On-going)

**ii. Status of Measurable Goal**

The City's storm drain system was mapped in January 2005. Storm water staff determined that this map is not 100% accurate. In Year 3 the Storm Water Inspector inspected, photographed, and identified 188 outfalls using

Global Positioning System (GPS). The locations of 797 drain inlets were also confirmed using an existing Geographic Information System (GIS) program and conducting field checks for accuracy.

This information has been transferred to the City's GPS Analyst. This information is being used to revise and upgrade the current storm drain map. This map will be made into a storm water system atlas to be used by field staff.

**iii. Effectiveness**

Storm water mapping is a crucial tool for tracing illicit discharges or spills in the storm drain system back to the source, preventing discharges from reaching a waterway, and determining sources of pollution at outfalls. Therefore, this BMP has the potential to reduce impacts to receiving water and it is consistent with CASQA Level One: Documenting Activities and when used for preventing an illicit discharge from reaching a waterway is consistent with CASQA Level 4: Reducing Loads from Sources.

**iv. Proposed Modifications**

No modifications are proposed.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The GPS Analyst will continue to work on revising and updating the storm drain atlas.

**BMP ID-4: Identification and Elimination of Illicit Discharge Sources**

**i. Measurable Goal**

ID-4A: *Inspect targeted outfalls within the City on a routine basis of twice per year with follow-up inspections as appropriate to ensure abatement of violations. (Completed)*

ID-4B: *Identify culverts and/or drain inlets upstream of targeted outfalls which appear to be a potential source for discharging pollutants. (On-going)*

**ii. Status of Measurable Goals**

ID-4A: Twenty targeted outfalls have been identified based on significant flow, history of flooding or illicit discharges. The outfalls were inspected twice in Year 4; November 2008 and June 2009. See Table 9 below for the list of outfalls.

ID-4B: The inspection of the outfalls did not show any illicit discharges or spills.

**iii. Effectiveness**

Inspecting culverts and drain inlets upstream of outfalls with signs of illicit discharges can help determine the source of the discharges. However, the City has not identified any non-storm water discharges or illicit discharges in the past 2 reporting years. The effectiveness of this BMP is unknown.

ID-4A: Inspections of targeted outfalls are currently at CAQA Level 1: Documenting Activities

**iv. Proposed Modifications**

No modifications are proposed.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will inspect all target outfalls twice during the next reporting year.

**Table 9. Targeted Outfalls**

<b>Outfall #</b>	<b>Location</b>	<b>Reason</b>
1	East of Highway 101, North of treatment plant	Significant Flow
3	Highway 46 East and Highway 101	Significant Flow
12	13th Street and Paso Robles St	Significant Flow
13	11th and Garden St	Sulfur Discharge
38	Niblick and Salinas River	Significant Flow
29	Highway 46 West and Ramada	Significant Flow
49	North River Rd and Union	Significant Flow
44	South River Rd and Salinas River	Significant Flow
10	N. Paso Robles St. & 101	Significant Flow
140	Rambouillet and Moody Ct.	History of Flooding
177	N. River Rd. below Las Brisas	History of Flooding
94	Linne Rd. (by well)	Industrial Runoff
34	River Bank and Bridgegate	Significant Flow
51	N. River Rd. behind Precision Auto	Industrial Runoff
83	Oxen and Brahma	Significant Flow
106	Cedarwood and Ebony	History of Illicit Discharges
107	Cedarwood and Teak	History of Illicit Discharges
108	Cedarwood and Beechwood	History of Illicit Discharges
109	Cedarwood and Creston	History of Illicit Discharges
25	Ramada and Vendel Cr.	Significant Flow

**BMP ID-5: Education and Outreach**

**i. Measurable Goal**

ID-5: The City will develop an illegal Dumping and Illicit Connections brochure in Year 2 (Completed). Brochures will be distributed with NOVs. The City will report the number and percentage of those cited that are repeat offenders.

**ii. Status of Measurable Goal**

The City developed a brochure in Year 2 as required.

Two additional brochures for specific types of illicit discharges were developed this reporting period which exceeds the measurable goal for this BMP.

- “Best Management Practices for Mobile Cleaning Activities” was developed in August 2008. Four of these brochures were distributed with Notice of Violations and three were sent to applicants receiving business licenses for mobile washing businesses. This booklet is available on the City’s storm water web page.
- “Keeping Fats, Oils, and Grease Out of the Sewer” was designed specifically for food service establishments required to install grease interceptors. This booklet answers questions about why removal devices are needed. Fifty copies of this booklet were handed out during inspections. This booklet is available on the City’s wastewater web page.

There were no repeat offenders.

**iii. Effectiveness**

Creating and distributing informative brochures for specific types of illicit discharges is effective. Distributing brochures with NOVs gives the responsible party alternative methods of performing the task without discharging to the storm drain system or waterway. The City received phone calls on the proper disposal of wastewater from pressure washing after the recipients received the booklet on BMPs for Mobile Cleaning Activities. The City is currently at CASQA Level 2: Raising Awareness by handing out the brochures with Notice of Violations.

**vi. Proposed Modifications**

No modifications are proposed.

**vii. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will continue to create brochures for specific topics as the need arises.

**BMP ID-6: Discharge Ordinance**

**i. Measurable Goal**

*ID-6: The new ordinance will be drafted in Year 2 and finalized in Year 3. Existing ordinances and Standard Details and Specifications will be reviewed and revised as necessary to address non-storm water discharges.*

**ii. Status of Measurable Goal**

The City has drafted a Storm Water Control Ordinance that covers non-storm water discharges, and the Design Standards in Attachment 4. The

Grading Ordinance will be revised to include a reference to the Design Standards in the Storm Water Ordinance. The Ordinance will be taken to the City Council in November 2009 to start the public review process. (If the ordinance requires a California Environmental Quality Act determination, ordinance adoption may be delayed until late winter/early spring 2010.)

The City does have a Municipal Code Section that prohibits illegal discharges to waterways and is currently using this section in Title 14 of the City's Municipal Code to issue Notice of Violations for illegal discharges to the storm drain system. Section 14.08.020(B) states "It is unlawful to discharge to any stream or watercourse any sewage, industrial wastes or other polluted waters, except where suitable treatment has been provided in accordance with provisions of this or other applicable agency codes."

**iii. Effectiveness**

A discharge ordinance will better define the City's storm water prohibitions and enforcement authority. The City is currently at CASQA Level 1: Documenting if a discharge ordinance has been written.

**iv. Proposed Modifications**

No modifications are proposed.

**vi. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will submit it to the City Attorney for review and go through the public review process for adoption by the City Council.

**Table 10. Illicit Discharge Detection and Elimination**

<b>BMP</b>	<b>Description</b>	<b>Measurable Goal</b>	<b>Status</b>						
			<b>Implemented</b>	<b>On Schedule</b>	<b>Exceeded</b>	<b>Modified</b>	<b>Effective</b>	<b>Not Effective</b>	<b>Unknown</b>
<b>ID1</b>	Enforcement Authorities	ID-1A: Develop forms or a format for reporting public complaints or maintenance personnel actions regarding illicit discharges. (Year 1)	Yes	Yes				X	
		ID-1B: The City will track the number of complaints received from all sources including incident reported by the Fire Department and the Police Department that enter the storm drain	Yes	Yes			X		
		ID-1C: Respond to complaints of illicit/illegal discharges within 24 hours of receiving the complaint, referral or notice.	Yes	Yes			X		
<b>ID2</b>	Illicit Discharge Comprehensive Ordinance Review	ID-2A: Existing Ordinances will be reviewed and revised as necessary to specifically address non-storm water discharges.	Yes	Yes					X
		ID-2B: Revise City's Engineering Standard Details and Specifications to incorporate Attachment 4 design standards. (Year 3)	No	No		X			
<b>ID3</b>	Storm Drain Mapping	ID-3: Develop a storm drain atlas. (Ongoing)	Yes	Yes			X		
<b>ID4</b>	Identification and Elimination of Illicit Discharges	ID-4A: Inspect target outfalls twice annually. (Ongoing)	Yes	Yes			X		
		ID-4B: Identify source of pollutants of target outfalls. (Year 4)	Yes	Yes				X	
<b>ID5</b>	Education and Outreach	ID-5: Develop and illegal dumping and illicit connection brochure. (Year 2)	Yes	Yes	X				
<b>ID6</b>	Illicit Discharge Ordinance	ID-6: Develop an Illicit Discharge Ordinance. (Year 3)	Yes	No		X			X

## **Construction Site Storm Water Control**

### ***BMP CS-1: Develop City Storm Water Pollution Prevention Inspection Program***

#### ***i. Measurable Goals***

CS-1A: # and % of projects receiving a grading permit (Year 3), ranked by size of overall project (between 1 and 5 acres, and greater than 5 acres). (On-going)

CS-1B: # and % of projects inspected resulting in enforcement actions taken for noncompliance with the SWPPP, Grading Ordinance, or Erosion Control Plan and the type of enforcement taken. (Year 3, On-going)

CS-1C: # of repeat offenders as well as the increase or decrease of enforcement actions taken and types of offenses.

#### ***ii. Status of Measurable Goals***

Sites that are greater than or equal to 1 acre or less than 1 acre that are part of a larger project are required to prepare a Storm Water Pollution Prevention Plan (SWPPP) and must submit a SWPPP checklist certifying that the plan meets the requirements. Sites are inspected during the grading and building phases for compliance with the SWPPP. Sites less than 1 acre must have an Erosion and Control Plan and are inspected for compliance with the plan.

CS-1A: The number of grading permits issued continued to drop from previous years. The Building Department issued 27 grading permits. Five (19%) of the grading permit applicants were between 1 and 5 acres. Two grading permits (7%) were issued for sites greater than 5 acres. All seven sites were required to submit a SWPPP and SWPPP checklist to the City.

CS-1B: The Building Department began inspecting all construction sites regardless of size for storm water violations in December 2008. Twenty-one inspections were conducted at ten sites during Year 4. Ten inspections noted violations. Violations included inadequate SWPPP, BMPs not operating effectively, and BMPs not installed. Of these ten inspections, three sites had repeated violations. On site meetings were held or phone calls were made regarding storm water violations. Violations at one site located at 2975 Union Road received a Notice of Violation on March 3, 2009, for not maintaining erosion control devices. A second construction site which had been abandoned also received a letter to immediately install erosion and control devices on November 6, 2008.

CS-1C: A total of 3600 on-site construction inspections were conducted in Year 4. The computer software used by the Building Department does not provide a method of differentiating between the types of inspections conducted, (grading, plumbing, electrical). Therefore, grading inspections were not tracked. The building inspectors will begin tracking grading

inspections manually.

Of the ten sites that received storm water inspections, three sites had repetitive violations in this reporting year. Of these three sites, two were greater than one acre. The previous year no sites one acre or greater had any storm water violations.

**iv. Effectiveness**

Construction sites are common sources of storm water pollution during the wet season. Inspecting sites for compliance with the SWPPP and Erosion and Control Plan can eliminate construction site runoff which is a common source of pollutants such as sediments. The fact that almost half of the storm water inspections conducted noted violations indicates that there is a need for further education of contractors and that the inspection program is effective in reducing polluted runoff from construction sites.

This BMP is consistent with CASQA Levels 1 through Level 4. All construction sites are inspected for storm water runoff and required to correct any storm water violations. This reduces the loads from construction sites and makes contractors more aware of storm water requirements.

**v. Proposed Modifications**

No modifications are proposed.

**vi. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will begin tracking the number of grading inspections conducted and will continue to document the # of projects requiring a SWPPP and the # and % of projects inspected resulting in enforcement actions.

**BMP CS-2: Revise Grading Ordinance**

**i. Measurable Goal**

CS-2: Continue revising the grading ordinance to include references to the General Construction Permit, Attachment 4 requirements, and the LID Manual. (Not Completed)

**ii. Status of Measurable Goal**

In Year 2 a draft Grading Ordinance was developed using a template. However, the City's current grading ordinance is more comprehensive than the draft ordinance and includes requirements specific to the City. Therefore, the City will revise the current Grading Ordinance to reference the storm water ordinance Attachment 4 requirements and the water quality section in the City's Standard Details and Specifications. Due to a heavy workload in other areas, the grading ordinance was not revised in Year 4.

**iv. Effectiveness**

The City's grading ordinance requires proposed projects follow the State Construction Permit and adhere to Attachment 4 criteria. The City expects

the ordinance to reduce the long term water quality impacts associated with development.

**v. Proposed Modifications**

No modifications are proposed.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will revise the existing grading ordinance in Year 4.

***BMP CS-3: Adoption of Existing BMP Manuals***

**i. Measurable Goal**

*CS-3: Adopt construction site BMP Manuals in Year 3. The adopted manuals will be referenced in the revised Grading Ordinance and links will be provided on the City's web site and construction handouts. (Completed)*

**ii. Status of Measurable Goal**

The City adopted the current versions of the Caltrans Construction Site Best Management Practices Handbook and the California Stormwater Quality Association's Construction Best Management Practices Manual. Links to both manuals are on the City's storm water web page at:

<http://www.prcity.com/government/departments/publicworks/stormwater/swmp-construction.asp>

**iv. Effectiveness**

Having a uniformly accepted standard for construction site BMPs will provide applicants with a clear understanding of expected BMPs and will allow construction site inspectors to become familiar with BMP details.

Adopting the manuals is consistent with CASQA Level 1.

**v. Proposed Modifications**

No modifications are proposed.

**vi. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

BMP is completed.

***BMP CS-4: Construction Outreach and Information Materials***

**i. Measurable Goal**

*CS-4: Prepare construction community outreach/information materials. Beginning in Year 2, provide City construction contractors and developers with construction BMP Brochures and materials for distribution to permit applicants. The City will record the number of informational brochures/materials distributed to construction staff, as well as the percent of applicants receiving and/or using the brochures. (Completed, on-going)*

**ii. Status of Measurable Goal**

The City offered construction outreach materials to all 27 grading permit applications. However, many of the contractors and developers have multiple projects in the City and do not always accept the outreach materials because they may have received them previously. The construction outreach materials are also available on the City's storm water web site listed in BMP CS-4.

**iv. Effectiveness**

Information on the installation and implementation of BMPs are needed as seen by the number of violations noted for not installing BMPs or the BMPs being ineffective, as noted in CS-1B. This BMP consistent with CASQA Level 2: Raising Awareness. The Construction outreach materials are intended to ultimately reduce loads from sources (CASQA level 4).

**v. Proposed Modifications**

No modifications are proposed.

**vi. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will continue to track the number of brochures distributed and % of applicants receiving the brochures during this reporting period. The City will develop additional construction educational materials which will focus on BMP implementation.

***BMP CS-5: Develop a Non-storm Water and illicit Discharge Form for City Funded Projects.***

**i. Measurable Goal**

*CS-5: Develop a non-storm water and illicit discharge form for City funded projects. Require the form to be completed prior to the start of the job. (Not Completed, modified)*

**ii. Status of Measurable Goal**

The form was not developed.

**iii. Effectiveness**

This BMP has not yet been fully implemented. Therefore the effectiveness cannot be rated.

**iv. Proposed Modifications**

The City has written a draft water quality section to be included in the City Standard Details and Specifications once adopted by the City Council. This section will be applicable to every construction job in the City. A reference to the water quality section will be placed in City job specifications and Contractors will be required to meet the requirements. Therefore, the City believes that this will be more effective than a non-storm water form for City funded jobs.

- v. ***Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.***

As stated above, the City will take the draft water quality section for the City Standard Details and Specifications to the City Council for adoption and include a reference to this section in the City job specifications.

**Table 11. Construction Site Storm Water Control**

<b>BMP</b>	<b>Description</b>	<b>Measurable Goal</b>	<b>Status</b>						
			<b>Implemented</b>	<b>On Schedule</b>	<b>Exceeded</b>	<b>Modified</b>	<b>Effective</b>	<b>Not Effective</b>	<b>Unknown</b>
<b>CS1</b>	Develop a City Storm Water Pollution Prevention Inspection Program	CS-1A: Track the # and % of projects receiving a grading permit. (Year 3)	Yes	Yes			X		
		CS-1B: Track the # and % of projects inspected resulting in enforcement actions. (Year 3)	Yes	Yes			X		
		CS-1C: Track the # of report offenders and types of offenses	Yes	Yes			X		
<b>CS2</b>	Revise Grading Ordinance	No	No		X				
<b>CS3</b>	Adoption of Existing BMP Manuals	Yes	Yes					X	
<b>CS4</b>	Construction Outreach and Information Materials	CS-4: # of brochures distributed annual and % of applicants receiving the brochures. (Ongoing)	Yes	Yes					X
		CS-5A: Develop a form to be included in the job specifications for all City funded projects. (Year 4)	No				X		
<b>CS5</b>	Develop a Non-storm Water & Illicit Discharge Form for City Funded Sites	CS-5B: Require the completed form to be completed prior to the start of the job. (Year 5)							
						X			

## ***Post-Construction Storm Water Management***

### ***BMP PC-1: Land Use Policies***

#### ***i. Measurable Goal***

PC-1A: *Develop a form to be used for a self-inspection program for post-construction runoff controls on private property and include the authority for this program in the Post-Construction Ordinance. (Completed, on-going)*

PC-1B: *Establish a tracking mechanism of post construction storm water controls installed to ensure that all controls will be annually certified. (Completed)*

#### ***ii. Status of Measurable Goals***

PC-1A: The City requires post-construction runoff controls and/or LID on all projects that are 1 acre or greater in size. These devices are inspected during construction as part of the building permit.

The City has not inspected the post construction controls that have been built nor does it have the authority or staffing to inspect such devices on private property. The City would like to modify this BMP as described below to have a self-inspection program for post-construction devices once the authority to enforce this program is in place. The draft Storm Water Control Ordinance requires annual inspections of the devices.

PC-1B: The City has a tracking sheet that lists sites that have post-construction storm water controls such as detention basins and underground detention basins. There are currently 7 facilities with post construction runoff controls, five underground retention basins and two detention basins. Tract 2594 has not been developed yet. See Table 12 for a list of Storm Water Control Measures.

#### ***iii. Effectiveness***

Post-construction measures are known to reduce the impacts of development to receiving waters. The Storm Water Control Ordinance requires LID and certain types of discretionary projects to follow the Attachment 4 requirements. The City is currently at CASQA Level 1: Documenting if the program is being implemented

#### ***vi. Proposed Modifications***

The City has included the post-construction requirements in the Storm Water Control Ordinance.

#### ***vii. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle***

The City will continue to require post-construction devices or LID to be installed on all new proposed projects and will inspect any post-construction storm water controls while under construction through the building permit inspection program.

**Table 12. Storm Water Control Measure Tracking Sheet**

Project Name	Location	Date Constructed	Site Description	Storm Water Treatment Measure Description
Hampton Inn	212 Alexa Ct	03/03/2003	2.3 acre site	Underground retention basin installed under parking lot.
Ford Dealership	2401 Oakwood	04/05/2007	2.5 acre site, mostly impervious	Project included an underground terminal retention basin for storm water. The basin was sized to handle the 100-year, 24-hour duration. No nuisance flows or storm water will leave the site.
Tract 2594 Combine St.	north side of HWY 46	This is an undeveloped subdivision. The City accepted the improvements 6/9/07. All lots will be privately developed.	17.0 acres subdivision along the north side of HWY 46E.	All lots have landscaping, landscape parkways are include on all street frontages. Have drip irrigation. A 30 foot-drip irrigation was also placed along the highway frontage. Project also includes an open terminal retention basin that was sized to handle a 100-year, storm 24-hour duration.
Coastal Crop Care	2203 Wisteria Lane	01/19/2007	2.5 acre site, mostly impervious	Fossil Filters are included in all inlets located within paved areas. The project was also equipped with an underground retention-detention structure. The retention feature will accept flows up to the 2-year 24-hour volume. Higher flows leaving the site are limited to the 10-year flows.
Davis Apartments	3440, 3442, 3448, 3450 Park Street	5/8/2008	18-unit apartments on 0.5 acre site	Has underground retention basin that will handle the 100-year-storm event a 24-hour duration.
Regency Center	Golden Hill and HWY 46	09/01/2009	9.74 acres, mostly impervious.	Has underground retention basin that will handle the 100-year-storm event a 24-hour duration.
PRWS	6305 Buena Vista	10/26/06	8.2 acres, mostly impervious.	Has detention basin behind the property.

## **BMP PC-2: City Policy and Process Revisions**

### **i. Measurable Goal**

PC-2: *The Construction Guideline of the City's Standard Details and Specifications will be revised to be consistent with the LID Manual and Attachment 4. (In process, modified)*

### **ii. Status of Measurable Goal**

The draft Storm Water Control Ordinance includes a requirement for certain types of construction to comply with the design standards in Attachment 4 as well as meeting the criteria of Post Construction BMP Manuals from other entities. The Ordinance also requires construction-phase BMPs to conform to the draft water quality section that will be included into the City's Standard Details and Specifications. Therefore, the City Standard Details and Specifications will not be revised to be consistent with the LID Manual and Attachment 4. The Draft Storm Water Ordinance will be considered for adoption by City Council in November or December 2009. (If the ordinance requires a California Environmental Quality Act determination, ordinance adoption may be delayed until late winter/early spring 2010.)

### **iii. Effectiveness**

The requirement for construction to comply with Attachment 4 and the Post Construction BMP Manuals has been placed in the draft Storm Water Ordinance. This ensures that all construction is required to follow these requirements. The City's Standard Details and Specifications will reference these requirements to ensure that post construction run-off controls will be included in City funded projects. This BMP is consistent with CASQA Level 1: Documenting Activities.

### **iv. Proposed Modifications**

As discussed above, the City placed the Attachment 4 criteria in the draft storm water ordinance and references Post-Construction BMP Manuals from other entities instead of changing the Construction Guideline of the City's Standard Details and Specifications. The wording for this BMP should be change to reflect this.

### **v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The draft Storm Water Ordinance will be taken to City Council in November to open it for public comment.

## **BMP PC-3: Development Requirements**

### **i. Measurable Goal**

PC-3: *Prepare a draft post-construction ordinance in Year 2 to include the requirement to implement Low Impact Development as required for Attachment 4 in the General Permit and not already addressed in other revisions to City policies and ordinances. (In process, modified)*

### **ii. Status of Measurable Goal**

The City has drafted a single Storm Water Ordinance that includes requirements for Attachment 4, post construction measures, construction BMPs (to be adopted

into the City Standard Details and Specifications), and illicit discharges. Having a single Storm Water Ordinance will make it easier for the public and customers to find the program requirements and the ordinance will be referenced in other documents. The City currently requires Low Impact Development techniques to be included into new development.

**iii. Effectiveness**

Adoption of the Storm Water Ordinance in November will give the City the authority to enforce the Attachment 4 requirements and to ensure that construction BMPs are followed. PC-3 is currently at CASQA Level 1: Documenting if the program is being implemented.

**iv. Proposed Modifications**

This BMP will be modified in the SWMP to meet the requirements outlined in the RWQCB's May 16, 2009 letter for ensuring that the City will have adequate permitting procedures to impose enforceable mechanisms for hydromodification control criteria.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The draft Storm Water Control Ordinance will be taken to City Council in November to open it for public comment.

**BMP PC-4: Permitting Process**

**i. Measurable Goal**

PC-4: *Develop a post construction storm water quality checklist that will be utilized by developers and track the number of permit application that are returned or rejected due to insufficient assessment of the project's impacts on storm water quantity and quality or due to inadequate inclusion of post construction controls for storm water. (Completed)*

**ii. Status of Measurable Goal**

A Post Construction Storm Water Management Sheet (formerly called Project Information Sheet) must be submitted with every grading permit application. This sheet collects information on the type of project, planned BMPs, and Post Construction BMPs.

No Project Information Sheets were returned out of the 23 grading permits issued. If storm water runoff will have a negative effect on water quality or neighboring properties, the project does not receive a permit until satisfactory storm water controls are included on the plans.

**iv. Effectiveness**

These forms have not proven effective because they are not required by ordinance and City staff is not adequately trained to review them for completeness. The City is currently at CASQA Level 1: Documenting if the program is being implemented.

**v. Proposed Modifications**

The City's draft ordinance includes a requirement that developers submit a Stormwater Control Plan that meets accepted design guidance (e.g. CASQA Post-Construction BMP Manual, Contra Costa Guidebook) with all development

applications. The City plans to provide training for City planning and building staff how to properly review Stormwater Control Plans.

**vi. *Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.***

In addition to the proposed modifications, the City will continue tracking the number of permit applications returned or rejected.

**Table 13. Post-Construction Storm Water Management**

<b>BMP</b>		<b>Description</b>	<b>Measurable Goal</b>						<b>Status</b>						
			<b>Implemented</b>	<b>On Schedule</b>	<b>Exceeded</b>	<b>Modified</b>	<b>Effective</b>	<b>Not Effective</b>	<b>Unknown</b>						
<b>PC1</b>	Land Use Policies	PC-1A: Develop a form to be used for a self-certification program for post construction runoff controls on private property and include the authority for this program in the Post Construction Ordinance. (Year 4)	No	No											
		PC-1B: Establish a tracking mechanism of post construction storm water controls installed to ensure that all controls will be annually certified. (Ongoing)	Yes	Yes											
<b>PC2</b>	City Policy and Process Revisions	PC-2: The Construction Guideline of the City's Standard Details and Specifications will be revised to be consistent with LID Design Manual and attachment 4. This will ensure that City funded projects and work done in the City right-of-way will include water quality control measures. (Year 3)	Yes	No		X									
<b>PC3</b>	Development Requirements	PC-3: Prepare a post-construction draft ordinance that complies with Attachment 4 standards. (Year 2)	Yes	No		X							X		
<b>PC4</b>	Permitting Process	PC-4: Develop a post-construction storm water quality checklist to be used during the plan review process (Year 2) and track the # and% of projects returned/rejected based on inadequate post-construction storm water quality controls. (Ongoing)	Yes	Yes									X		

## **Pollution Prevention/Good Housekeeping for Municipal Operations**

### **BMP GH-1: Facility Maintenance**

**i. Measurable Goal**

GH 1: Beginning in Year 2, randomly conduct inspections, twice yearly, to verify contractor adherence to City technical specifications for landscape maintenance, street sweeping, litter control, etc. (Partially completed)

**ii. Status of Measurable Goal**

Due to budget reasons, the City only has a few maintenance contracts. City staff perform the duties that contractors previously conducted. Of the remaining contracts only the landscaping contract would have an impact on storm water. Only one inspection was conducted on the landscaping contractor. There were no corrective actions noted during the inspection.

**iii. Effectiveness**

The inspection of the landscape contractor is not effective. No corrective actions have ever been noted. The City is currently at CASQA Level 1: Documenting if the program is being implemented.

**iv. Proposed Modifications**

There are not proposed modifications.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will inspect the landscape maintenance activities conducted by contractor on a semi-annual basis.

### **BMP GH-2: Integrated Waste Management Association**

**i. Measurable Goal**

GH-2: By Year 3, increase the awareness about waste management by including IWMA's website in City brochures and fact sheets and in training programs for City employees. (Completed)

**ii. Status of Measurable Goals**

The City revised the brochure "Stop Illegal Dumping!" this reporting period. This brochure lists IWMA's web site for information on the proper disposal of chemical, paints, car fluids and fertilizers at a household hazardous waste facility. See Appendix A for a copy of this brochure. A link to IWMA's web site has also been placed on the City's storm water web page.

**ii. Effectiveness**

Integrated Waste Management Authority is an appropriate resource for the City to promote because the goals are complimentary to storm water system awareness. The City is currently at CASQA Level 1: Documenting if the program is being implemented. Although the City promotes IWMA website, it is not possible to

document that this BMP is effective in increasing awareness of the programs ran by IWMA.

**iv. Proposed Modifications**

No modifications are proposed.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

**BMP GH-3: Facility Surveys**

**i. Measurable Goal**

GH-3: *In Year 2, develop a Facility and Maintenance Inspection form and conduct 2 facility inspections and evaluate two maintenance activities. Beginning in Year 3, inspect each City facility annually and evaluate two maintenance activities per year. (Partially completed)*

**ii. Status of Measurable Goals**

The Facility and Maintenance form was developed in Year 2 as required. This form was revised this reporting period to be more applicable to the City's facilities. 14 City facilities were inspected in June 26, 2009. Table 14 lists the facilities inspected.

Only one maintenance activity was evaluated to determine if staff used the proper precautions to prevent storm water pollution or non-storm water discharges. Water Department staff was evaluated while installing a fire hydrant. City staff followed procedures to prevent storm water pollution.

**iii. Effectiveness**

Inspections of the City facilities have not resulted in any corrective actions. Observing City staff performing job duties that could have a negative impact on storm water reminds staff of the importance of following procedures. It is unknown if this BMP is effective. Therefore, the BMP is consistent with CASQA Level 1: Documenting if the program is being implemented.

**iv. Proposed Modifications**

No modifications are proposed.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

The City will observe two maintenance activities.

**Table 14. Facility Inspections**

	<i>Facility</i>	<i>Location</i>	<i>Deficiencies Noted</i>
1.	Administrative Services	Pine St.	No
2.	Barney Schwartz Park	Union Rd.	Yes
3.	Centennial Park (Pools)	Nickerson Dr.	Yes
4.	City Hall	Spring St.	No

5.	Fleet Maintenance	Riverside Ave.	No
6.	Larry Moore Park	Riverbank Lane.	No
7.	Municipal Pool	28th St.	No
8.	Oak Creek Park	Cedarwood Dr.	Yes
9.	Pioneer Park	Riverside Ave..	No
10.	Senior Center	Scott St.	No
11.	Sherwood Park	Creston Rd.	Yes
12.	Streets Department	Paso Robles St.	Yes
13.	Turtle Creek Park	Brookhill Dr	No
14.	Water Yard	Paso Robles St.	No

**BMP GH-4: Development of BMP Fact Sheets**

**i. Measurable Goal**

GH-4: *By Year 2, one fact sheet will address treatment control, or structural control BMPs. City staff will assess the number and percentage of the targeted City facilities that are implementing the local treatment BMPs annually.*

**ii. Status of Measurable Goal**

BMP Fact Sheets were developed during reporting Year 2 as required.

Staff use temporary devices such as waddles or sand bags to protect drain inlets and using dechlorination devices when testing fire hydrants in order to reduce or eliminate non-storm water discharges and storm water pollution. The Water Department is enrolled under the Water Board's General NPDES Permit for Low Threat Discharges for discharges from the City's potable water system.

**iii. Effectiveness**

BMP fact sheets are not an effective method of ensuring that City staff implement BMPs in municipal operations. The most effective method is training. This BMP is Consistent with CASQA Level 1, documenting activities.

**iv. Proposed Modifications**

No modifications are proposed.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

City staff will continue to implement the appropriate BMPs to prevent storm water pollution.

**BMP GH-5: Employee Training by City Departments**

**i. Measurable Goal**

GH-5: *Beginning in Year 3, storm water training will occur either quarterly or annually, depending on the personnel involved.*

**ii. Status of Measurable Goals**

Training was provided by the individual departments during monthly or quarterly meetings.

Building Department: The City’s three building inspectors received training on conducting storm water inspections at construction sites and completing the inspection form. The division meets twice a month. Storm water is discussed every other month during their routine meetings starting in September.

Streets and Parks Department: Discuss storm water at their monthly tailgate meetings. The streets department responds to calls about blocked storm drains

Water Department: The nine distribution staff discuss non-storm water discharges during monthly meetings. Water Department staff handle non-storm water discharges per the Low Threat Discharge permit is held for discharges from the City’s potable water system.

Wastewater Department The Wastewater staff follow department procedures for preventing non-storm water discharges of sewage to the storm drain system.

**Table 15. Storm Water Training**

Department Division	# of Staff
Building Inspectors	3
Streets	3
Parks	4
Water	5
Wastewater	10
<b>Total</b>	<b>35</b>

Additionally, City staff with greater responsibilities in the storm water program received additional training as shown in Table 16 below. The City’s CIP Engineer completed a Pervious Concrete Certification Program.

**iii. Effectiveness**

Discussing storm water on a regular basis at safety or department meetings gives staff a constant reminder about storm water issues.

Raising awareness level of City Staff (CASQA Level 2: raising awareness) based on comparison of pre and post training tests.

**iv. Proposed Modifications**

BMP PP-5, City employee training should be combined with GH-5. Both BMPs require storm water training for City staff and training BMPS are a better fit under Pollution Prevention/Good Housekeeping for Municipal Operations.

**v. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle.**

Staff training will continue to be done on a department level.

**Table 16. Additional Staff Training**

Staff Person	Position/Responsibility	Training
Patti Gwathmey	Industrial Waste Manager (Storm Water Program Administrator)	<ul style="list-style-type: none"> <li>• Erosion Control &amp; Low Impact Development</li> <li>• EPA Webcast: Tools &amp; Guidance for Developing Your Post-Construction Stormwater Management Program</li> </ul>
Ditas Esperanza	Capital Projects Engineer	<ul style="list-style-type: none"> <li>• Erosion Control Low Impact Development</li> <li>• Permeable Interlocking concrete Pavements—Selection, Design, Construction and Maintenance</li> </ul>
Dan Carrigan	Water Resource Specialist (Storm Water Inspector)	<ul style="list-style-type: none"> <li>• Erosion Control Low Impact Development</li> </ul>

**Table 17. Pollution Prevention/Good Housekeeping for Municipal Operations**

<b>BMP</b>		<b>Description</b>	<b>Measurable Goal</b>						<b>Status</b>						
			<b>Implemented</b>	<b>On Schedule</b>	<b>Exceeded</b>	<b>Modified</b>	<b>Effective</b>	<b>Not Effective</b>	<b>Unknown</b>						
<b>GH1</b>	Facility Maintenance	GH-1: Develop a form and randomly conduct inspections of maintenance activities and facilities, twice per year to verify contractor adherence to City technical specifications for landscape maintenance, street sweeping, litter control, etc. (Begin in Year 2, twice annually)	<b>Yes</b>	<b>No</b>			<b>X</b>								
<b>GH2</b>	Integrated Waste Management Association	GH-2: Increase the awareness about waste management by including IWMA's website in City brochures and fact sheets and in training programs for City employees. (Year 3)	<b>Yes</b>	<b>Yes</b>											<b>X</b>
<b>GH3</b>	Facility Surveys	GH-3: Develop Facility and Maintenance inspection forms and inspect 2 facilities (Year 2) Begin inspecting all City facilities and 2 maintenance activities per Year. (Year 3, then annually)	<b>Yes</b>	<b>No</b>			<b>X</b>								
<b>GH4</b>	Development of BMP Fact Sheets	GH-4: By Year 2, one fact sheet will be developed to address treatment control, or structural control, BMPs.	<b>Yes</b>	<b>Yes</b>											<b>X</b>
<b>GH5</b>	Employee Training by City Depts.	GH-5: storm water training will occur either quarterly or annually, depending on personnel involved. In addition, managers will be given specific guidance on their departmental and contractual responsibilities for storm water management, while facilities with SWPPPs will have very specific training requirements as directed by the Plan.	<b>Yes</b>	<b>Yes</b>			<b>X</b>								

## 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."*

---

Signature of Permittee (legally responsible person)

Date Signed

---

Name (printed)

Title