

**City of Paso Robles  
2009-2010 ANNUAL REPORT**

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

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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, 2009 to June 30, 2010

## **Table of Contents**

Executive Summary.....	1
Status of Measurable Goals .....	8
Rating Effectiveness.....	13
Minimum Control Measures.....	14
Public Education and Outreach.....	14
Public Involvement and Participation .....	24
Illicit Discharge Detection and Elimination .....	33
Construction Site Storm Water Control .....	42
Post-Construction Storm Water Management .....	48
Pollution Prevention/Good Housekeeping for Municipal Operations .....	57
Certification.....	64

## **List of Tables**

Table 1. Status of Measurable Goals.....	8
Table 2. Adopted Sections of Roads .....	15
Table 3. Storm Water Web Page Hits .....	17
Table 4. Public Education and Outreach .....	23
Table 5. Water Education Program.....	27
Table 6. Public Participation and Involvement.....	32
Table 7. Types of Complaints .....	35
Table 8. Targeted Outfalls .....	38
Table 9. Illicit Discharge Detection and Elimination .....	41
Table 10. Construction Site Storm Water Control.....	47
Table 11. Post-Construction Storm Water Management .....	54
Table 12. Facility Inspections.....	59
Table 13. Storm Water Training.....	61
Table 14. Additional Staff Training.....	62
Table 15. Pollution Prevention/Good Housekeeping for Municipal Operations .....	63

## *Executive Summary*

The City's Storm Water Management Program (SWMP) was developed in accordance with the National Pollutant Discharge Elimination System (NPDES) permit CAS000004 for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (General Permit) issued by the State Water Resources Control Board and was approved by the Central Coast Regional Water Quality Control Board (RWQCB) 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 residents, businesses, contractors, and City staff about eliminating and reducing the amount of pollutants in storm water. The BMPs evaluated for year five are in the revised SWMP dated February 23, 2010. While this report focuses on the activities the City performed in Year five of the permit, it also includes a summary of the five year permit term.

The current General Permit requires BMPs, measurable goals, effectiveness measures and timetables for six Minimum Control Measures (MCMs) to be included into the SWMP. The MCMs are:

- Public Education
- Public Participation
- Illicit Discharge Detection and Elimination
- Construction Site Storm Water Runoff Control
- Post-Construction Storm Water Management
- Pollution Prevention/Good Housekeeping for Municipal Operations

In addition to the General Permit requirements, the RWQCB issued specific requirements for the Post-Construction MCM to protect beneficial uses and promote healthy watersheds to meet the Maximum Extent Practicable (MEP) standard. These requirements were outlined in a letter dated February 15, 2008 and required that MS4s adopt BMPs for the development of hydromodification criteria, including:

- I. Maximize infiltration of clean storm water and minimize runoff volume and rate
- II. Protect riparian areas, wetlands, and other buffer zones
- III. Minimize pollutant loading
- IV. Provide long-term watershed protection

On October 20, 2009, the RWQCB notified MS4s in the Central Coast region of the opportunity to participate in a Joint Effort (JE) to cooperatively develop hydromodification control criteria with other MS4s. The JE provides an alternative to the requirements for developing interim and long-term hydromodification criteria independently as outlined in the February 15, 2008 letter from the RWQCB. The Joint Effort is a two phase approach that is expected to span a period of two years.

The City chose to participate in the JE to Develop Hydromodification Control Criteria on November 20, 2009, and amend the Post-Construction MCM to include the BMPs and Measurable Goals required for all JE participants for the first phase of the JE. The Revised SWMP dated February 23, 2010, includes these required BMPs. Progress made on these BMPs within the past year is described in this report even though the JE did not officially start during Year 5.

Although the City implemented BMPs in all six of the MCMs, the City found that the most effective BMPs for protecting and preserving our watershed are related to educating school age

children, enforcing construction run-off BMPs, and requiring post-construction storm water controls that will treat storm water pollution at its source and retain storm water on site. Educating school age children is the most effective method of changing behaviors towards preventing storm water pollution since children are more open to new information than adults and can easily change behaviors. Additionally, many of them share information learned at school with their families and can influence behaviors in family members and friends than City staff.

Storm water pollution from construction sites and poorly designed storm water systems can have detrimental effects on the waterways. Implementing a construction site inspection program and requiring Low Impact Development (LID) and post construction features will have a positive long term effect on water quality.

During the past year the City has spent a lot of time on the hydromodification requirements issued by the RWQCB. The City continues to take a lead role in the County-wide San Luis Obispo Hydromodification Technical Advisory Committee (TAC) and organizes the monthly meetings and prepares the meeting minutes. The TAC is made up of representatives from MS4s in San Luis Obispo, Santa Barbara, Santa Cruz and Monterey Counties, engineering, development, and consulting communities. Although the original intent of the TAC was to develop hydromodification criteria, the group now focuses on completing the milestones for the Joint Effort in order to create consistency throughout the region.

The City continued to co-chair the Partners for Water Quality which focuses on the Public Education MCM and serves as a forum for the MS4s to discuss issues related to the storm water program and a means to involve non-governmental organizations.

This past year the Wastewater Manager and the Industrial Waste Manager took part in a unique opportunity to participate in the federally funded Service Learning Program with the Paso Robles School District. The subject matter for this year's program was watershed preservation and storm water monitoring. Nearly 200 students from Liberty High School and Lewis Middle School learned about Low Impact Development (LID). Student projects included a Public Service Announcement on LID, digging infiltration holes on campus, and teaching other students about watersheds using the Enviro Scape® watershed model.

### ***Lessons Learned***

Over the past five-year permit term the City has become more aware of which methods are effective for implementing the individual Minimum Control Measures (MCMs) in this community. The community of Paso Robles is very unique in their viewpoint on new regulations and changing behaviors. While some communities embrace new regulations that are meant to protect and improve the environment, the community of Paso Robles tends to be politically conservative and can be hesitant to change behaviors or accept new ways. Residents do not see the need to get involved in the storm water program unless it is adversely affecting them. Therefore, traditional implementing methods of simply telling the public not to do something, or handing out a brochure on how to prevent storm water pollution is not effective as it might be in other communities. The City will continue to explore new and better ways to change community behavior.

The City's storm water program included many traditional BMPs during the first permit term, such as developing brochures on preventing storm water for the general public, businesses, and contractors, taking part in public events to hand out literature, and getting feedback from the public on the storm drain program. While these BMPs sound good on paper, it is not possible to

determine if there are immediate changes in behavior towards preventing storm water pollution that can be measured. The only measurable aspects of these BMPs are if they were accomplished or not. However, the City is required to measure the effectiveness of each BMP on an annual basis with the goal of changing behaviors, reducing pollutant loading from sources, with the ultimate goal of protecting water quality.

Changing behaviors in certain areas of the storm water program such as construction, post construction and good housekeeping for municipal operations is easier since the implementation of these BMPs usually involve policy and procedure changes that can be imposed on the intended group such as conducting storm water inspections at construction sites or requiring LID features be included in new development. But changing behaviors in residents and business owners has proven to be more challenging. There are some that believe that storm water program requirements cost businesses money by not being able to discharge wastewater from cleaning hard surfaces to the storm drain system. It is obvious that to some business owners and residents that economics are more important than preserving and protecting water quality. The City needs to continue educating the public on the importance of protecting water quality by hosting events such as the annual Festival of the Arts which is part of the Salinas River Corridor Project. This event features river-themed art and raises awareness of the beauty of the Salinas River. The event was attended by approximately 5000 people in May.

During the first five-year term, the City accomplished many of the requirements of the General Permit. The City developed and distributed public education materials directed at mobile cleaners/services, food facilities, businesses, pet waste, and storm water pollution information, established a storm water web page, provided training to municipal workers, implemented classroom presentations, began participating in the County-wide Creek Clean-up Day, issued Notice of Violations (NOVs) for illicit discharges, conducted storm water inspections at food service establishments and construction sites the last two years of the permit, located outfalls in the Salinas River, wrote a draft storm water ordinance and organized a Hydromodification Technical Advisory Committee. While many of these activities were effective in some form, others were not effective at all. The following is a summary of the BMPs or MCMs that were effective or not effective:

#### Public Education

Assessing the effectiveness of the public education BMPs is not easily done on an annual basis. While the number of materials handed out and hits on the storm water web page can be counted, it is not possible to determine if behaviors have changed.

Printed public education materials are most effective when handed out in response to specific situations such as illicit discharges from mobile cleaners, inspections of food facilities, or businesses cleaning outdoor surfaces. The recipient is much more likely to review the information. Distributing printed educational materials at public events and by mail is difficult, if not impossible to determine the effectiveness. The City can document how many items were distributed, however it is not possible to determine if the information was read and if the reader changed any behaviors because of the material.

The effectiveness of attending public events is also hard to determine. Public events with environmental themes such as Earth Day are usually attended by community members that are concerned about the environment and already have behaviors that are protective of the environment and water quality. Therefore, it is really "preaching to the choir". However, attending public events with other themes to reach a different audience is also difficult since patrons are not interested in stopping at a display on storm water pollution prevention.

The most effective BMP for changing behaviors towards preventing storm water pollution is educating school age children. Children can easily change their behaviors and can be successful at convincing their families to change behaviors. The City offers free presentations on storm water, water conservation, and wastewater. Teachers that sign up for all three classes receive free t-shirts for each student. The City also contributes funding towards the Integrated Waste Management Classes on recycling, composting, and household hazardous waste. City staff have observed that the children retain the information from the various environmental classroom presentations that they have seen in the past.

Other programs such as Our Water Our World offers education materials to a large audience by placing free materials in retail stores. Store employees working in the garden department receive training about the program so that they are able to discuss less toxic alternatives with customers. Not only does this program reach a variety of audiences, it also serves a very large geographical area since customers in these stores come from the City and the surrounding County areas. Orchard Supply Hardware as a whole, has seen an 8.5% increase in less toxic products over the previous year. Additionally, with the “green movement” being advertised in all media, customers are more willing to consider less toxic products.

The City believes that public education is valuable; however, many of the public education BMPs have long-term results and are very difficult to determine changes in behaviors on an annual basis.

#### Public Participation

The goal of getting the public to participate in the storm water program sounds easier than it actually is. The Annual Creek Day Cleanup is the most successful event that the City has had for public participation. Other attempts to get comments, feedback, or responses to surveys have not been successful at all. The Adopt – a - Street BMP requires the City to send out surveys once a year to participants. Only two individuals and a high school class responded, even though the participants were notified by phone and asked to return the survey. Requesting feedback or comments on the program and annual report on the web site or at public hearings has resulted in very little additional public participation. Public hearings generally attract only business owners who are primarily concerned about how the information will negatively impact their business, not people who are interested in improving storm water quality. The public is more likely to get involved in a municipal program if it will directly affect their personal life or cost them money. (The recent issues with increasing water rates are a good example of this.) Low participation is not specific to the City’s storm water program. Many City programs are experiencing low participation.

The City has two volunteer programs, Adopt-A-Street and the Annual Creek Clean-up Day. As previously stated, many of the volunteers in the Adopt-A-Street Program are willing to pick up trash, but do not want to be bothered with surveys or flyers about storm water pollution or even notifying the City when they have picked up the trash so that the bags can be counted and weighed. Staff have contacted participants by phone and in writing to explain the purpose of surveys and reporting the amount of trash. Unfortunately, most of the volunteers still do not notify the City that they have picked up trash or take part in surveys. Storm water staff then decided to hand out the surveys when a volunteer signed up. This was done with the last three volunteers that signed up and not one survey was returned.

The most successful volunteer project is the annual County-wide Creek Day due to the mass advertising campaign done with the help of the Non-Government Organizations (NGOs). This type of advertising is not cost effective for a single municipality to do. Creek Day is attended by

many youth clubs and therefore can change behaviors in the kids. Both of these activities remove a large amount of trash from the streets and the Salinas River and therefore directly improve water quality.

Unfortunately, other events such as the volunteer storm drain marking event resulted in only 9 participants. This event was advertised twice in the local *Paso Robles Magazine* and flyers and bookmarkers were handed out. Due to the lack of volunteers on the event day, City staff were then asked to volunteer to mark the remaining drains. It has become clear that the best way to get volunteers to participate in events is to contact the various youth groups such as Boy Scouts. Residents not involved with the youth groups are not likely to volunteer.

The City has been very active in both the Central Coast Partners for Water Quality and the County-wide San Luis Obispo Hydromodification TAC. Both of these groups include stakeholders such as the Resource Conservation Districts, Home Builders Association, Salmon Enhancement, and the Coast Keeper. The Partners have been successful in working with the NGOs to keep them informed and involved in the local storm water programs. At one of the Partners for Water Quality meetings, the NGOs were asked if they would comment on Annual Reports or SWMP prepared by the MS4s. They responded that since they attend the meetings, they are aware what the MS4s are doing and do not need to review or comment on the reports and programs.

#### Illicit Discharge

The most successful BMP in this MCM has been issuing Notice of Violations (NOVs) for illicit discharges. Unfortunately, there are business owners and residents in the City that will not change practices that pollute storm water unless they receive a written notice. While there are some recalcitrant violations, many recipients of NOVs do change their practices after receiving a NOV.

Unsuccessful BMPs include the formation of an on-line complaint form and a storm water information phone line for reporting illicit discharges. These two reporting methods have not been utilized by the public even though they are advertised on the public educational materials. The public prefers to call complaints into the Public Works Department's main phone line. Although neither of these methods have been used by the public, they will be maintained.

#### Construction

The City began conducting construction site inspections at all sites regardless of size to ensure that BMPs are in place to prevent erosion and ensure compliance with the site's Storm Water Pollution Prevention Plan. Inspections showed that many of the smaller construction sites had violations such as tracking mud off the site. As a result, the City developed source control BMPs for construction sites that will be adopted into the City's Engineering Standards and are referenced in the storm water ordinance. The changes to the Engineering Standards and the Ordinance will be proposed for adoption by City Council late 2010. These BMPs will be applicable to all private and public sites. The City will continue to inspect all construction sites and will enforce the requirements for preventing discharges from construction sites. Requiring inspections for all private and public construction sites should result in the reduction of storm water pollution and non-storm water discharges from construction sites.

Since the City has more growth than other areas in the County, the construction and post-construction MCMs are a high priority for the City.

## Post-Construction

The Post-Construction MCM has been a priority for the City since October 2009. The City organized the County-wide Hydromodification Technical Advisory Committee and has been actively involved as the secretary and organizing the monthly meetings. The fact that all of the MS4s in the Central Coast RWQCB's region have mostly the same BMPs makes this MCM very effective. The MS4s are able to work together to implement many of the BMPs which will create consistency throughout the area.

The City will be proposing adoption of a storm water ordinance by City Council in late 2010. The ordinance will include Attachment 4 requirements and the authority to require annual certifications of structural BMPs.

This MCM, along with the Construction MCM, has potential to have the greatest improve water long-term improvement to water quality, and will remain a priority for the City in the coming years.

## Good Housekeeping/Municipal Operations

Staff is conscientious about storm water discharges, as evident by the number of questions received about the correct manner to handle discharges from special events and municipal operations. Reminding municipal staff of proper storm water quality control on a frequent and case-specific basis is more effective than annual training.

## Reporting

The City is required to annually report on the effectiveness of each BMP implemented during the previous year as far as its ability to directly affect water quality or change behaviors towards protecting water quality. Although it is possible to annually report what actions the City took to implement each BMP, it is not possible to determine behavioral changes in the general population. It has become obvious that certain BMPs have results that can be measured on an annual basis, while other BMPs, such as school education program would be better measured over the long term. Changing people's behavior patterns that have been in place for decades in some cases is not going to happen in one year or even five years. Although many people appear to be aware of the program, determining if this has a direct effect on water quality is very hard to quantify.

The General Permit states that "because storm water programs are locally driven and local conditions vary, some BMPs may be more effective in one community than in another. A community that has a high growth rate would derive more benefit on focusing on construction and post-construction programs than on an illicit connection program." Additionally, on November 14, 2008, the City Managers from the MS4s in San Luis Obispo County and the City of Santa Maria met with members of the RWQCB including the Executive Officer, Roger Briggs. RWQCB staff stated during that meeting that focusing on the Construction and Post-Construction MCMs have a greater potential to improve water quality and that a MS4 could reduce the amount of effort placed on BMPs in other MCMs such as Public Education if the majority of the MS4's efforts focus on these two MCMs.

Over the past five years the City has met most of the requirements of the current General Permit for Public Education, Public Participation, and Illicit Discharge Detection and Elimination. Therefore, the City will be focusing its effort on the Construction and Post Construction MCMs which have the greatest potential to reduce storm water pollutants based on the City's projected

growth.

Overall, 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)	Completed	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.	Completed	Yes
PP2	Public Presentations	PP-2A: Completion of stock presentation	Completed	Yes
		PP-2B: Three presentations held.	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	Partners for Water Quality	PP-5A: The City will participate in the Central Coast Partners for Water Quality meetings.	Completed - Ongoing	Yes

## 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**

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>	
			<i>Status</i>	<i>On Schedule</i>
<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>CS-6</b>	Develop water quality standard for construction MPS to be included in the City's Standard Details and Specs were revised.	CS-6A: Assess if the City's Standard Details and Specifications were revised.	In process	No
	Develop a handout with the construction phase BMPs to be distributed to contractors.	CS-6B: Assess if the handout was developed. Track the number of handouts distributed.	Not Completed	No
<b>Post-Construction Storm Water Management</b>				
<b>PC1</b>	Implementing Strategy for LID and Hydromod. Control	PC-1A: The City will continue to apply LID principals and features to all applicable new and redevelopment projects and establish a tracking mechanism/reporting system for the implemented post-construction storm water controls.	On-going	Yes
		PC-1B(1): The City will document goals, schedules, and target audiences for education and outreach that City conducts regarding enforceable mechanisms, hydromodification control criteria, applicability thresholds, LID BMP design, and compliance with LID and Hydromodification Control	Started	Yes
		PC-1B(2): The City will develop a tracking system that reports the accomplishments in education and outreach supporting implementation of LID and hydromodification control for new and redevelopment projects.	Not Started	NA
		PC-1C(1): The City will develop, advertise and make available LID BMP Design Guidance suitable for all stakeholders.	Not Started	NA

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

BMP	Description	Measurable Goal	Status	
			Status	On Schedule
PC1 Cont.		PC-1C(2): The City will develop specific guidance and assistance for development project applicants to achieve and demonstrate compliance with the hydromodification control criteria and LID requirements. (Quarter 8)	Not Started	NA
PC2	CEQA Initial Study Checklist	PC-2: The City will revise the Initial Study Checklist if necessary, to ensure that the Initial Study Checklist includes qualitative CEQA thresholds to provide the basis for identifying storm water quality impacts and determining whether impacts are significant and conditions of approval and mitigation measures to implement key policies and address identified CEQA impacts. (Quarter 8)	Started	NA
PC3	Enforcement Mechanisms	PE-3A: The City will finalize the Ordinance by Year 5 in the first permit term.	In Process	No
		PE-3B(1): The City will review all applicable codes, regulations, standards, and/or specifications to identify modifications and/or additions necessary to effectively implement hydromodification controls and LID. (Quarter 2)	Started	NA
		PE-3B(2): The City will approve or adopt any necessary modifications and/or additions to codes, regulations, standards and/or specifications. (Quarter 8)	Not Started	NA
		PE-3B(3): The City will apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects. (Quarter 9)	Not Started	NA
PC4	Post Construction BMP Management	PE-4: The City will develop a form to be used in a self-certification program for post-construction runoff controls on private and public property to ensure that the controls are appropriately maintained. (Quarter 4)	Not Started	NA
PC5	Hydromodification Control Criteria	PE-5: The City will develop Hydromodification Control Criteria and apply the criteria to applicable new development and redevelopment projects. (Quarter 8)	Not Started	NA
PC6	Applicability Thresholds	PE-6: The City will select Applicability Thresholds for applying Hydromodification Control Criteria to new and redevelopment projects. (Quarter 8)	Not Started	NA
PC7	County-Wide SLO Hydromodification TAC	The City will plan and organize monthly meetings and measure the participation rates over two years during the development of Hydromodification Control Criteria.	On-going	Yes
PC8	Protection of Riparian Areas, Wetlands and Other Buffer Zones	The City will track the number of projects presented near riparian, wetland and buffer zones.	On-going	Yes
<b>Pollution Prevention/Good Housekeeping for Municipal Operations</b>				
GH1	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

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

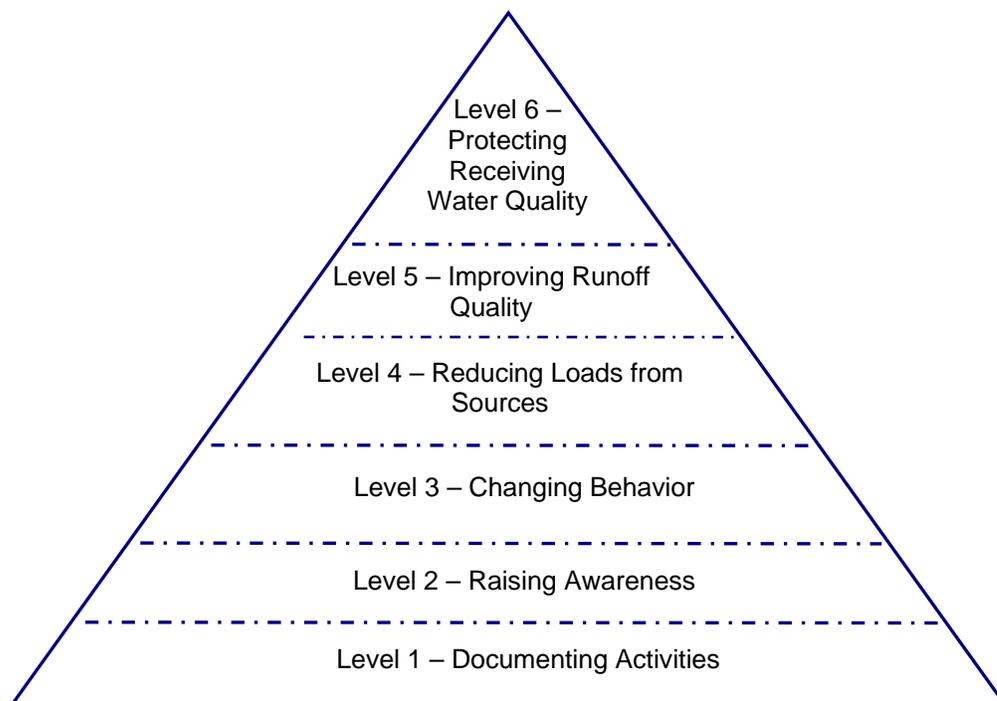
<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>	
			<i>Status</i>	<i>On Schedule</i>
<b>GH2</b>	Integrated Waste Management Association	GH-2: Increase the awareness about waste management by including IWMA's website in City brochures and fact sheets. (Year 3)	Ongoing	Yes
<b>GH3</b>	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 February 23, 2010.

## Public Education and Outreach

### Additional Activities Implemented

- **Our Water our World** - 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 (OSH), offer fact sheets to customers on less toxic pest control and display shelf talkers for home and garden products approved by the program. OSH has shown an increase of 8.5% in less toxic products over the previous year.
- **County-wide Training for Pressure Washers** – The City participated in the planning and implementing county-wide training for pressure washers in June 2009. Training was to be held at three different locations in the County, however, due to the low response for the training in Paso Robles, this training here was cancelled and the three companies that signed up were sent to the training in San Luis Obispo. The City mailed 162 training announcements on May 5, 2010. Over forty people attended the trainings in San Luis Obispo and Arroyo Grande.



### 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 increased from 15 to 18 enrollees as of the end of Year 5. This represents an approximately 20% percent increase 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. The City increased efforts to promote the program revising the program brochures in the previous year and placing a flyer and brochures in the lobby of the library. The City continues to list 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. Placing brochures in the library resulted in one new enrollee. The City had three new enrollees which includes one anonymous person that picks up trash from various locations throughout the City.

Unfortunately, many of the volunteers will not notify the City when they pick up trash and the number of bags even though they have been asked to do so on several occasions. Some volunteers will leave the bags on the street without notifying the City, while others throw the bags in the trash themselves. This makes it very hard to calculate the exact amount of trash picked up through the program.

A survey and two storm water brochures, "Help Stop Storm Water Pollution!" and "Stop Illegal Dumping" were handed out to the three new participants. Not one of the surveys was returned.

A total of 76 bags of trash were collected weighing a collective 648 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 continue its effort to promote the program to attract new volunteers.

***Table 2. Adopted Sections of Roads***

<b>Road</b>	<b>From</b>	<b>To</b>	<b># of Bags</b>	<b>lbs.</b>
Niblick Road	Bridge	Creston	7	97
Airport Road	Hwy 46 E.	Dry Creek		
Airport Road	Dry Creek	Tower		
North River Road	13th	City limit		
South River Road	Niblick	Charolais		
South Vine Street	1st	Cuerno Largo		
South Vine Street	Cuerno Largo	Hwy 46 W.	8	52
Riverside Avenue	4th	13th	5	150
Riverside Avenue	13th	24th	4	25

**Table 2. Adopted Sections of Roads**

<b>Road</b>	<b>From</b>	<b>To</b>	<b># of Bags</b>	<b>lbs.</b>
Riverside Avenue	24th	end	4	85
Theatre Drive	Hwy 46 W.	City limit		
Golden Hill Road	Creston	Union	2	24
Rolling Hills Road	Creston	Golden Hill	6	23
Union Road	N. River	Golden Hill		
Union Road	Golden Hill	City limit		
Experimental Station	Buena Vista	City limit		
Charolais Road	S. River	Creston		
Creston Road	S. River	Rolling Hills		
Creston Road	Rolling Hills	Scott	3	20
Creston Road	Scott	City limit		
Linne Road	Creston	City Limits		
Spring Street	24th	36th		
Dallons Dr	Buena Vista	Golden Hill		
21 Street	Riverside	Spring	3	19
Navajo Pathway			24	72
City-wide			10	81
<b>TOTAL</b>			<b>76</b>	<b>648</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. (Ongoing)*

**ii. Status of Measurable Goal**

*The storm water web page continues to be updated with new information and expanded as needed. Additional links for Illicit Discharge, Detection and Elimination, and Low Impact Development have been added. Relevant brochures, fact sheets can be down loaded 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 tracks 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. The overall number of hits to the web page dropped from 1,447 to 1,200.*

*However, four months in the wet season showed monthly increases. 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”.

<i>Month</i>	<i>2008-2009</i>	<i>2009-2010</i>
<i>July</i>	166	90
<i>August</i>	165	113
<i>September</i>	181	72
<i>October</i>	74	126
<i>November</i>	16	55
<i>December</i>	44	124
<i>January</i>	100	99
<i>February</i>	199	82
<i>March</i>	131	102
<i>April</i>	129	174
<i>May</i>	125	79
<i>June</i>	117	84
<b>Total</b>	<b>1,447</b>	<b>1,200</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. Although the brochure is still available, many of the developers and contractors have already received this and do not want additional copies.

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 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 five 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”: 15 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 65 FOG inspections in Year 5. The number of FOG inspections were down due to the loss of an inspector for part of year 5.
- “Sammy Steelhead Coloring books” - The City handed out 100 coloring books at the annual Fishing Derby on April 24, 2010 and 47 coloring books at the Earth Day celebration on April 18, 2010.
- “Pet Care Tips to Stop Storm Water Pollution” - The city handed out 125 of these brochures along with fake dog doo at the Earth Day Celebration.

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. However, people are more likely to read informational brochures if they are related to an inspection or Notice of Violation. Randomly, handing out educational materials or doing mass mailings does not guarantee that the information is being read or changing behaviors.

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.

**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 is included in new brochures and fact sheets the City develops. In year five, five calls were received. Three calls were to report clogged storm drains and the other two calls were questions on where to get a marriage license and what to do about a lost traffic ticket. However, most citizens call the main phone number for the Public Works Department when reporting illegal discharges.

**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. The intent of this phone line is that City staff can respond immediately to reports which can prevent or eliminate 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.

This BMP is not effective due to the low number of calls received. Since this line was added in 2008, it has never been used to report an illicit discharge and only a few calls have been for more information on storm water issues.

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 250 storm drains in Years 2 and 3. City staff placed another 100 markers in Year 3. A Girl Scout contacted the Streets Supervisor in June 2009 to volunteer to mark storm drains to earn her Gold Award. She marked storm drains on the west side of town during fall 2009 as well as posting flyers in local west side businesses about storm drain marking.

The Water Quality Specialist surveyed all storm drains in the City to develop a list of all unmarked storm drains. The City held a Volunteer Storm Drain Marking Day on June 5, 2010. This event was advertised in the *Paso Robles Magazine* twice, placed on the City's web site and internet calendars for KSBY, and Coast Radio. The Industrial Waste Manager also notified youth groups such as the Boy Scouts. Unfortunately, only 9 volunteers showed up on June 5<sup>th</sup> to mark drains. City employees were asked to volunteer and eight staff did mark drains. The remaining storm drains were marked by the City's Finance Manager's 14 year old daughter to earn her community service badge for the Girl Scouts. A total of 500 drain inlets were marked 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 create a method for the public to report unmarked storm drains on the storm water web page.

**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 2009/2010 reporting period:

**Creek Day** – The City participated in the County-wide Creek Day on October 3, 2009. Over 160 volunteers picked up trash, tires, mattresses and cigarette butts. (See BMP PP4)

**Earth Day** – The City took part in the Earth Day celebration in the City of Atascadero. The City handed out 47 Sammy Steelhead Coloring books and 125 pet waste brochures along with fake dog doo. Additionally, the City had a display on the Salinas Corridor Project as well as information on the 21 St. green-street project, and water conservation. This event was well attended and



many visitors were surprised to hear about the many environmentally friendly projects being worked on by the City.

**Festival of the Arts** – The City of Paso Robles held the second annual Festival of the Arts on May 29, 2010 as part of the Salinas River Corridor Project. The event featured River-themed art and was attended by approximately 5000 people. Sammy Steelhead made an appearance in the children’s area and the City’s Storm Water and Conservation Programs hosted an interactive art booth on rain barrels. Information on rain barrels, LID and water conservation was available to the public, as well as Sammy Steelhead and water conservation coloring books, and a word search on rain barrels for children. The booth featured a rain barrel display and a raffle for two separate rain barrels that were painted by children during the event. 98 raffle tickets were completed.



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 can increase community knowledge and awareness of the storm water program and water quality issues. However, it is hard to determine if these events have any effect on changing behaviors. Participating in public events is consistent with CASQA Level 2: Raising Awareness.

**iv. Proposed Modifications**

None

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

None

**Table 4. Public Education and Outreach**

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>						
			<i>Implemented</i>	<i>On Schedule</i>	<i>Exceeded</i>	<i>Modified</i>	<i>Effective</i>	<i>Not Effective</i>	<i>Unknown</i>
<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		
<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		X		
		PE-3D: Develop and distribute illicit discharge brochures at public events/meetings, display IDE brochure at City office. (Year 2)	Yes	Yes					X
<b>PE4</b>	Storm Water Hotline	PE-4: Establish a storm water program hotline. (Year 2)	Yes	Yes				X	
<b>PE5</b>	Storm Drain Marking	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 22 presentations on water conservation and 14 on wastewater to 3<sup>rd</sup> - 7<sup>th</sup> grades. See BMP PP-2B and Table 5 for a list of the presentations.
- The City is a member of CASQA and participates in the Phase I Subcommittee and gives updates to the Central Coast Partners for Water Quality.

### ***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.

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

Holding public meetings is intended to be a means to involve the community and the City Council members in the program. Although City Council meetings keep the City Council members updated, 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. The City has never received any written comments on the program or the annual report. 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.***

None

## **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 two 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 5 of providing three presentations to various community groups.

- **Liberty High** – The Wastewater Manager gave a presentation to two Liberty High classes ( approximately 35 students) on hydromodification as part of the Service Learning Program which focused on watershed protection and preservation.
- **Lewis Middle School** – The Wastewater Manager gave a presentation to 6<sup>th</sup> graders on LID as part of the Service Learning Program. This presentation was given to 8 classes, approximately 224 students. The Industrial Waste Manager developed a handout on LID which was handed out to the students.
- **Water Education Program** – The City contracts with Science Discovery to provide classroom presentations that meet the California Academic Standards to 3rd through 7th grade on storm water, water conservation, and wastewater. The wastewater presentation is a field trip to the City’s Wastewater Treatment Plant that was added this year to offer students a thorough understanding of the water cycle.



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 number of teachers requesting the storm water presentations had dropped to eight classes in Year 4 while the request for the water conservation classes increased. The City believed that this was due to the three year drought which made water conservation a popular choice. In order to increase the numbers of storm water presentations and promote the wastewater treatment plant field trip, the contractor suggested that an incentive be given to teachers if all three classes were taken. The City offered the teachers that signed up for all three classes received t-shirts for all students that read "I Conserve It and Keep it Clean! Our Future – Water". Additionally, the storm water presentation was offered to the third grade this past school year.



Storm water presentations increased from 8 classes the previous year to 17 classes in Year 5 (approximately 550 students). 14 classes took a tour of the Wastewater Treatment Plant and 22 water conservation presentations were given. It is not known if the number of storm water presentations increased due to the large amount of rain received or the t-shirt incentives. See Table 5 below for the location of the presentations and the grade levels.

**iv. Effectiveness**

The City feels that the most effective BMPs for changing behaviors towards preventing storm water pollution and protecting water quality is educating school age children. Teaching children about different aspects of protecting water quality can change their behaviors. Many children share this information with their families and can also change the behaviors of family members. However, 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**

None

- 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, wastewater and water conservation classes.

<b><i>Table 5. Water Education Program</i></b>			
<b>City of Paso Robles</b>			
<b>2009-2010 School Year</b>			
<b>Date</b>	<b>Program</b>	<b>School</b>	<b>Grade</b>
9-29-09	Conservation	Pifer	4 <sup>th</sup>
9-29-09	Conservation	Pifer	4th
9-29-09	Conservation	Pifer	4th
10-30-09	Wastewater	Pifer	4 <sup>th</sup>
10-30-09	Wastewater	Pifer	4 <sup>th</sup>
10-30-09	Wastewater	Pifer	4th
1-12-10	Conservation	Kermit King	3 <sup>rd</sup>
1-12-10	Conservation	Kermit King	3 <sup>rd</sup>
1-14-10	Conservation	Kermit King	3 <sup>rd</sup>
1-14-10	Conservation	Kermit King	3rd
<b>1-19-10</b>	<b>Storm Water</b>	<b>Kermit King</b>	<b>3rd</b>
<b>1-19-10</b>	<b>Storm Water</b>	<b>Kermit King</b>	<b>3rd</b>
<b>1-21-10</b>	<b>Storm Water</b>	<b>Kermit King</b>	<b>3rd</b>
<b>1-21-10</b>	<b>Storm Water</b>	<b>Kermit King</b>	<b>3rd</b>
1-27-10	Wastewater	Kermit King	3rd
1-27-10	Wastewater	Kermit King	3rd
2-3-10	Wastewater	Kermit King	3rd
2-3-10	Wastewater	Kermit King	3rd
2-5-10	Conservation	Lewis M.S.	6-8
<b>2-12-10</b>	<b>Storm Water</b>	<b>Lewis M.S.</b>	<b>6-8</b>
2-19-10	Wastewater	Lewis M.S.	6-8
2-19-10	Wastewater	Lewis M.S.	6-8
3-5-10	Conservation	Georgia Brown	5th
3-5-10	Conservation	Georgia Brown	5th
3-5-10	Conservation	Georgia Brown	5th
<b>3-12-10</b>	<b>Storm Water</b>	<b>Virginia Peterson</b>	<b>5th</b>
<b>3-12-10</b>	<b>Storm Water</b>	<b>Virginia Peterson</b>	<b>5th</b>
3-18-10	Wastewater	Virginia Peterson	5th
3-18-10	Wastewater	Virginia Peterson	5th
<b>3-19-10</b>	<b>Storm Water</b>	<b>Georgia Brown</b>	<b>5th</b>
<b>3-19-10</b>	<b>Storm Water</b>	<b>Georgia Brown</b>	<b>5th</b>
<b>3-19-10</b>	<b>Storm Water</b>	<b>Georgia Brown</b>	<b>5th</b>
3-26-10	Wastewater	Georgia Brown	5 <sup>th</sup>
3-26-10	Wastewater	Georgia Brown	5 <sup>th</sup>
4-23-10	Wastewater	Georgia Brown	5 <sup>th</sup>
5-6-10	Conservation	Kermit King	5 <sup>th</sup>

**Table 5. Water Education Program**

<b>City of Paso Robles 2009-2010 School Year</b>			
<b>Date</b>	<b>Program</b>	<b>School</b>	<b>Grade</b>
5-6-10	Conservation	Kermit King	5 <sup>th</sup>
5-20-10	Conservation	Lewis M.S.	7th
5-20-10	Conservation	Lewis M.S.	7th
5-20-10	Conservation	Lewis M.S.	7th
5-20-10	Conservation	Lewis M.S.	7th
5-20-10	Conservation	Lewis M.S.	7th
5-20-10	Conservation	Lewis M.S.	7 <sup>th</sup>
<b>5-27-10</b>	<b>Storm Water</b>	<b>Lewis M.S.</b>	<b>7th</b>
<b>5-27-10</b>	<b>Storm Water</b>	<b>Lewis M.S.</b>	<b>7th</b>
<b>5-27-10</b>	<b>Storm Water</b>	<b>Lewis M.S.</b>	<b>7th</b>
<b>5-27-10</b>	<b>Storm Water</b>	<b>Lewis M.S.</b>	<b>7th</b>
<b>5-27-10</b>	<b>Storm Water</b>	<b>Lewis M.S.</b>	<b>7th</b>
<b>5-27-10</b>	<b>Storm Water</b>	<b>Lewis M.S.</b>	<b>7th</b>
<b>5-27-10</b>	<b>Storm Water</b>	<b>Lewis M.S.</b>	<b>7th</b>
6-7-10	Conservation	Virginia Peterson	3rd
6-7-10	Conservation	Virginia Peterson	3rd
6-7-10	Conservation	Virginia Peterson	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 2009-2010 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 citizens and business owners prefer to call on the phone to make to discuss the storm water program after 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, October 3, 2009. This was the 3rd year that the City planned this event with the Upper Salinas-Las Tablas Resource Conservation District. The City advertised 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. 165 volunteers removed 15 tires, a rear axle, a transmission, corrugated metal, cable, and a bumper, and filled almost half of a 40 yard dumpster and half of a 3 yard dumpster with recyclables. Volunteers also filled 35 small bags of cigarette butts which were provided by the County of San Luis Obispo Tobacco Control Program. The amount of trash collected continued to be less than in previous years. The City believes that this is partially due to the lack of flow in the Salinas River.



**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. The number of volunteers participating continues to increase. Many of the volunteers are from organizations such as the Boy and Girl Scouts. Observing the amount of trash removed from the Salinas River has the potential to create long term behavioral changes in children.

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**

None

**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. The City is looking into expanding clean up to other creeks or outfalls into the Salinas known for having large amounts of litter.

**BMP PP-5: Central Coast Partners for Water Quality**

**i. Measurable Goal**

PP-5: *The City will use collaborative regional partnerships through the Central Coast Partners for Water Quality to achieve long-term regional watershed planning. The City will work with other local MS4s and stakeholders to develop regional strategies for public education, staff training, and working with Non-Government Organizations (NGOs) for public events. The City will also work with other local MS4s and stakeholder to define water quality and watershed scale issues, and assess watershed conditions in a coordinated manner. (Completed)*

**ii. Status of Measurable Goals**

The City served as a co-chair with the City of San Luis Obispo for the monthly meetings which involved developing agendas, organizing, and planning the meetings. The City along with the City of San Luis Obispo and the County of San Luis Obispo and Cal Poly has been active in developing projects that would help MS4s complete BMPs. Additionally, the City participates in the CASQA Phase II Storm Water Subcommittee in order to keep MS4s current on the latest issues regarding the Phase II program throughout the state.

**iii. Effectiveness**

Meeting on a routine basis with other MS4s and stakeholders allows for sharing information and to determine if there are projects or public events that the group can work on together to get a consistent message out to the public. These meetings have the potential to be very effective and the NGOs have been helpful in proposing methods that are cost effective to achieve our BMPS. However, it has been difficult to get some MS4s involved in public events or projects. While the meetings have been useful

to all MS4s for getting regulatory updates, the Partners have not reached the level of effectiveness that it should. This BMP is at CASQA Level one, documenting activities and Level two, raising awareness.

**iv. *Proposed Modifications***

The Partners meetings will be held on a quarterly basis due to the lack of engagement in public events and projects.

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

City staff will continue to actively participate in the Partners meetings.

**Table 6. Public Participation and Involvement.**

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>						
			<i>Implemented</i>	<i>On Schedule</i>	<i>Exceeded</i>	<i>Modified</i>	<i>Effective</i>	<i>Not Effective</i>	<i>Unknown</i>
<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	
<b>PP4</b>	Volunteer Creek Clean Ups	PP-4: Whether or not clean up day is organized, sampling locations are identified and results are summarized. (Year 3)	Yes	Yes			X		
<b>PP5</b>	Partners for Water Quality	PP-5: The City will participate in the Central Coast Partners for Water Quality meetings.	Yes	Yes	X	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 65 food establishments for Fats, Oils, and Grease (FOG) and storm water in year 5. 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 5 off of the web site. City employees have been directed to notify the Industrial Waste Manager or water Quality Specialist 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. Fifteen, Notice of Violations (NOVs) were issued in Year 5.

**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 was issued. Fifteen NOVs were issued in Year 5. Two of the NOVs were for an illicit connection at a business and one was a sewage overflow. Both of these issues were corrected. Four of the food facilities issued NOVs, had received similar NOVs in 2008.

During Year 5 the majority of the NOVs were issued between March and June 2010, when the storm water program had a full time inspector reassigned to the program. Table 9 below shows the number and types of violations issued.

**iii. Effectiveness**

The reporting forms 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 prefer to 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 with the responsible party and is a method for tracking compliance. Responding to complaints of illicit discharges, educating the responsible party and issuing Notice of Violations are 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.

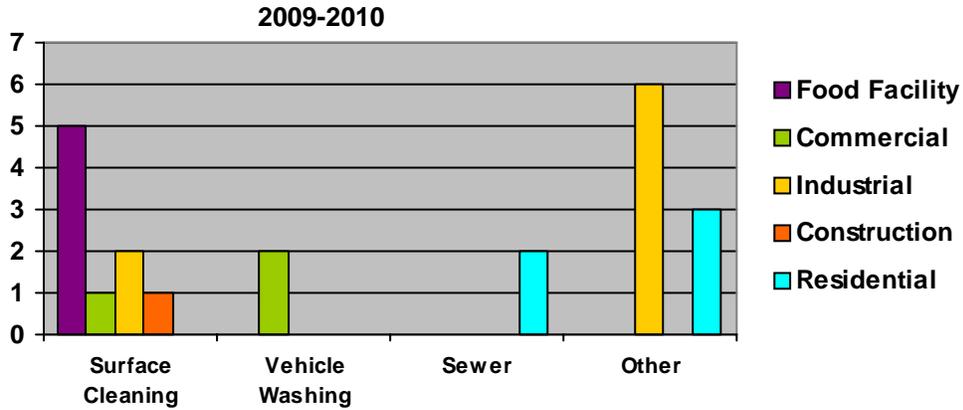
**iv. Proposed Modifications**

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.

**Table 7. Types of Complaints**



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

**i. Measurable Goals**

ID-2: 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)

**ii. Status of Measurable Goals**

ID-2: 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.

**iii. Effectiveness**

The comprehensive ordinance review was used for the development of the new storm water ordinance. This is consistent with CASQA Level 1: Documenting Activities.

**v. Proposed Modifications**

None

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

None

**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 will be 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 were identified based on significant flow, history of flooding or illicit discharges. The outfalls were inspected once in Year 5. Due to the budget cuts, there was not a staff person available to inspect the outfalls prior to the wet season.

In June 2010 storm water staff inspected the targeted outfalls and evaluated each of the outfalls to determine if they should remain on the list and if there were other outfalls that should be added. See Table 9 below for the list of outfalls and if the outfall remained on the list. Ten of the outfalls on the existing list were removed for various reasons such as not being an actual outfall or no significant issues were observed that would require the outfall to be included on the list. One outfall at the end of Navajo Rd was added due to the amount of trash deposited in the waterway. The most common issue observed was trash which is being address in the BMPs for Creek Day and Adopt-A-Street.

ID-4B: The inspection of the outfalls did not show any illicit discharges or spills that required investigating DIs upstream.

**iii. Effectiveness**

Inspecting outfalls can help staff determine areas of town that have issues with illicit discharges. However, the City has not observed any non-storm water discharges or illicit discharges in the past 3 reporting years. Trash is the most common problem observed which cannot usually be traced to a single outfall. 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 8. Targeted Outfalls**

<b>Outfall #</b>	<b>Location</b>	<b>Reason on List</b>	<b>Status</b>
1	East of Highway 101, North of treatment plant	Significant Flow/Trash	Remains on list
3	Highway 46 East and Highway 101	Significant Flow	Removed (natural spring water)
12	13th Street and Paso Robles St	Significant Flow	Remains on list
13	11th and Garden St	Sulfur Discharge	Removed
38	Niblick and Salinas River	Significant Flow	Remains on list
29	Highway 46 West and Ramada	Significant Flow	Removed (not an outfall)
49	North River Rd and Union	Significant Flow	Removed (no issues observed)
44	South River Rd and Salinas River	Significant Flow	Removed (no issues observed)
10	N. Paso Robles St. & 101	Significant Flow	Remains on list (3 separate pipes)
140	Rambouillet and Moody Ct.	History of Flooding	Remains on list
177	N. River Rd. below Las Brisas	History of Flooding	Removed (not an outfall)
94	Linne Rd. (by well)	Industrial Runoff	Removed (no issues observed)
34	River Bank and Bridgegate	Significant Flow	Removed (not an outfall)
51	N. River Rd. behind Precision Auto	Industrial Runoff	Removed (no issues observed)
83	Oxen and Brahma	Significant Flow	Remains on list
106	Cedarwood and Ebony	Trash	Remains on list
107	Cedarwood and Teak	Trash	Remains on list
108	Cedarwood and Beechwood	Trash	Remains on list
109	Cedarwood and Creston	Trash	Remains on list
25	Ramada and Vendel Cr.	Significant Flow	Removed (not an outfall)
41	Navajo and Rio Court	Trash	Added

**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 in Year 4

- “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, construction, and the Design Standards in Attachment 4. The City must wait to take the Ordinance to City Council for public review after the sewer rates have been introduced in late 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 go through the public review process for adoption by the City Council.

**Table 9. Illicit Discharge Detection and Elimination**

BMP	Description	Measurable Goal	Status							
			Implemented	On Schedule	Exceeded	Modified	Effective	Not Effective	Unknown	
ID1	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			
ID2	Illicit Discharge Comprehensive Ordinance Review	ID-2: Existing Ordinances will be reviewed to determine required revisions necessary to specifically address non-storm water discharges.	Yes	Yes						X
ID3	Storm Drain Mapping	ID-3: Develop a storm drain atlas. (Ongoing)	Yes	Yes				X		
ID4	Identification and Elimination of Illicit Discharges	ID-4A: Inspect target outfalls twice annually. (Ongoing)	Yes	No				X	X	
		ID-4B: Identify source of pollutants of target outfalls. (Year 4)	Yes	Yes					X	
ID5	Education and Outreach	ID-5: Develop and illegal dumping and illicit connection brochure. (Year 2)	Yes	Yes	X			X		
ID6	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 19 grading permits and only two of the grading permit applicants were between 1 and 5 acres. No grading permits were issued for sites greater than 5 acres. The two sites that are between 1 and 5 acres were required to submit a SWPPP and SWPPP checklist to the City.

CS-1B: The Building Department inspects all construction sites regardless of size for storm water violations. Forty-six inspections were conducted at twenty-five sites during Year 5. Thirty-three inspections noted violations. Violations included inadequate SWPPP, BMPs not operating effectively, and BMPs not installed. Of the thirty-three inspections, seven sites had repeated violations. On-site meetings were held or phone calls were made regarding storm water violations. One site received a written Notice of Violations for grading violations. This site was referred to the Department of Fish and Game due to the unpermitted installation of culverts across a waterway.

CS-1C: A total of 2,588 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.

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 sediment. 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 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, the water quality section in the City's Standard Details and Specifications. Revisions will also be made to be consistent with the Hydromodification Control Criteria. Due to a heavy workload in other areas, the grading ordinance was not revised in Year 5.

**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 continue to work on revising the grading ordinance.

**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 19 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 and will be handed out to contractors that have storm water violations during the inspection.

***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.

***BMP CS-6: Water Quality Standards for Construction***

- ii. ***Measurable Goal***

CS-6A: *Develop water quality section to be included in the City Standard Details and Specifications.*

CS-6B: *The City will develop a handout with these construction-phase BMPs to be distributed to contractors at the front desk, on the job site by building inspectors, and available on the City's web site.*

- iv. ***Status of Measurable Goal***

CS-6A: A water quality section has been drafted that includes BMPs for all public and private construction sites. 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. The City Engineer will take the City's Standard Details and Specification to City Council for approval once he has finished updating all of the other sections.

CS-6B: The handout was not developed in year five due to the heavy workload.

- v. ***Effectiveness***

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

- vi. ***Proposed Modifications***

None

- vii. ***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 10. Construction Site Storm Water Control**

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>						
			<i>Implemented</i>	<i>On Schedule</i>	<i>Exceeded</i>	<i>Modified</i>	<i>Effective</i>	<i>Not Effective</i>	<i>Unknown</i>
<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	CS-2: Revise the grading ordinance. (Year 4)	No	No		X			
<b>CS3</b>	Adoption of Existing BMP Manuals	CS-3: Adopt construction site BMP manuals. (Year 3)	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	
<b>CS5</b>	Develop a Non-storm Water & Illicit Discharge Form for City Funded Sites	CS-5A: Develop a form to be included in the job specifications for all City funded projects. (Year 4)	No			X			
		CS-5B: Require the completed form to be completed prior to the start of the job. (Year 5)	No			X			
<b>CS6</b>	Water Quality Standards for Construction	CS-6A: The City's Standard Details and Specifications will be revised to include a Water Quality section		No				X	
		CS-6B: Develop a handout with the construction phased BMPs to be distributed to contractors at the front desk, on the job site and available on the web site.		No				X	

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

During the past year the City has focused on the hydromodification requirements issued by the RWQCB and continues to take a lead role in the County-wide San Luis Obispo Hydromodification Technical Advisory Committee (TAC) organizing the monthly meetings, preparing meeting minutes, as well as volunteering for specific projects for the TAC. The TAC is made up of representatives from MS4s in San Luis Obispo, Santa Barbara, Santa Cruz and Monterey Counties, engineering, development, and consulting communities. The original intent of the TAC was to develop hydromodification criteria. However, the group now focuses on completing the milestones for the Joint Effort in order to create consistency throughout the region.

The BMPs in the MCM which are part of the Joint Effort for the Development of Hydromodification Control Criteria are to be completed in a two year period which is broken into eight quarters. Although Quarter 1 of the Joint Effort did not officially start during this reporting year, the City along with the other TAC members has begun work on the BMPs. Therefore, the progress on the BMPs has been reported.

### ***BMP PC-1: Implementation Strategy for Low Impact Development (LID) and Hydromodification Control.***

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

PC-1A: Apply interim LID Implementation. *The City will continue to apply LID principals and features to all applicable new and redevelopment projects and establish a tracking mechanism/reporting system for the implemented post-construction storm water controls. (Quarters 2-8)*

PC-1B: Education and Outreach.

- 1. The City will document goals, schedules, and target audiences for education and outreach that the City conducts in support of the following strategic objectives: enforceable mechanisms, hydromodification control criteria, applicability thresholds, LID BMP design, and compliance with LID and hydromodification control criteria. (Quarter 2)*
- 2. The city will develop a tracking system that reports the accomplishments in education and outreach supporting implementation of LID and hydromodification control for new and redevelopment projects. (Quarter 8)*

PC-1C: Guidance.

- 1. The City will develop, advertise, and make available LID BMP Design Guidance suitable for all stakeholders. (Quarter 4)*
- 2. The City will develop specific guidance and assistance for development project applicants to achieve and demonstrate compliance with the hydromodification control criteria and LID requirements. (Quarter 8)*

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

Although Quarter 1 of the Joint effort had not officially started by June 30, 2010, the City has begun work on some of the BMPs. The following is a brief summary of the work done.

PC-1A: The City has been requiring post-construction runoff controls and/or LID on all projects that are 1 acre or greater in size. In Year 5, the City received applications for six projects that were considered discretionary per the Zoning Code. Four of these projects included LID features. These features are inspected during construction as part of the building permit.

The City has not inspected the post construction controls that have been installed nor does it have the authority or staffing to inspect such devices on private property.

PC-1B(1): The City is working with the TAC to develop training for specific audiences such building inspectors, engineers, architects, etc.

PC-1C(1): The City has adopted three LID BMP Guidance documents.

**iii. Effectiveness**

Post-construction measures are known to reduce the impacts of development to receiving waters. As new development projects are built that have LID incorporated in the design, the impacts on the Salinas River should be reduced. However, it is too soon to determine or document the reduction of environmental impacts. The City is currently at CASQA Level 1: Documenting if the program is being implemented

**iv. Proposed Modifications**

None

**v. 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. The City will also continue to work with the TAC on developing education and guidance for the appropriate audiences.

**BMP PC-2: CEQA Initial Study Checklist**

**i. Measurable Goal**

PC-2: The City's review will ensure that the Initial Study Checklist includes qualitative CEQA thresholds to provide the basis for identifying storm water quality impacts and determining whether impacts are significant and conditions of approval and mitigation measures to implement key policies and address identified CEQA impacts. (Quarter 8)

**ii. Status of Measurable Goal**

The City will be reviewing the CEQA process to determine if revisions are needed.

**v. Effectiveness**

This BMP is not required to be completed until Quarter 8.

**iv. Proposed Modifications**

None

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

None

### **BMP PC-3: Enforceable Mechanisms**

i. **Measurable Goal**

PC-3A: The City is developing a Storm Water Ordinance to require all new development to incorporate the requirements in Attachment 4 of the General Permit and LID requirements. Specific LID guidance manuals are referenced in the draft Ordinance to be used by the development community.

PC-3B: Joint Effort.

- 1) The City will review all applicable codes, regulations, standards, and/or specifications to identify modifications and/or additions necessary to effectively implement hydromodification controls and LID. (Quarter 2)
- 2) The City will approve or adopt any necessary modifications and/or additions to codes, regulations, standards and/or specifications. (Quarter 8)
- 3) The City will apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects. (Quarter 9)

ii. **Status of Measurable Goal**

PC-3A: The City has a draft Storm Water Ordinance that includes the Attachment 4 requirements and LID requirements. This draft will be taken to City Council for public comment in November 2010 after the sewer rates have been taken to Council.

PC-3B(1): The City has completed the review of zoning codes in Title 21 of the City Ordinance. Additionally, the TAC developed a checklist for the MS4s to use for reviewing existing codes.

PC-3B(2): This BMP is not required to be completed until Quarter 8.

PC-3B(2): This BMP is not required to be completed until Quarter 9.

iii. **Effectiveness**

Although the City has started to work on PC-3A and PC-3B(1), neither of them have been completed, therefore, this work is consistent with CASQA Level 1, Documenting activities.

iv. **Proposed Modifications**

None

- 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 2010 to open it for public comment.

#### **BMP PC-4: Post-Construction Management**

**i. Measurable Goal**

*The City will establish authority in the storm Water ordinance to require a self-certification program for post-construction runoff controls on public and private property. The City will develop a form to be used in a self-certification program for post-construction runoff controls on private and public property to ensure that the controls are appropriately maintained. (Quarter 4)*

**ii. Status of Measurable Goal**

The City will take the draft storm water ordinance to City Council after the sewer rates have been proposed in November 2010. The self-certification form has not developed at this time.

**iii. Effectiveness**

This BMP can not be measured since it has not been completed

**iv. Proposed Modifications**

None

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

None

#### **BMP PC-5: Hydromodification Control Criteria**

**i. Measurable Goal**

*The City will develop municipality-specific criteria for controlling hydromodification and apply the criteria to applicable new development and redevelopment projects. (Quarter 8)*

**ii. Status of Measurable Goal**

This BMP is not required to be completed until Quarter 8.

**iii. Effectiveness**

This BMP can not be measured since it has not been completed

**iv. Proposed Modifications**

None

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

None

#### **BMP PC-6: Applicability Thresholds**

**ii. Measurable Goal**

*The City will select Applicability Thresholds for applying Hydromodification Control Criteria to new and redevelopment projects that are consistent with long-term watershed protection. The City will apply the Applicability Thresholds after Water Board Approval. (Quarter 8)*

**ii. Status of Measurable Goal**

This BMP is not required to be completed until Quarter 8.

**iii. Effectiveness**

This BMP can not be measured since it has not been completed

**iv. Proposed Modifications**

None

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

The City is working on a small team with the Low Impact Development Initiative, RWQCB staff and other MS4s to develop Applicability Criteria.

**BMP PC-7: County-Wide San Luis Obispo Hydromodification Technical Advisory Committee**

**i. Measurable Goal**

*The City will use collaborative regional partnerships such as Hydromodification TAC to achieve long-term regional watershed planning by working with other local MS4s and stakeholders. The City will plan and organize monthly meetings and measure the participation rates over the two years during the development of hydromodification control criteria.*

**ii. Status of Measurable Goal**

The City helped plan and organize the monthly meetings and prepared the meeting minutes. The City also volunteers for various projects works on by the TAC.

**iii. Effectiveness**

The TAC is an effective means for the MS4s to work with the development and engineering community to develop consistent procedures to implement the requirements of the joint effort that are acceptable to all.

**iv. Proposed Modifications**

None

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

The City will continue to take an active role in the TAC.

**BMP PC-8: Protection of Riparian Areas, wetlands and Other Buffer Zones**

**i. Measurable Goal**

*The City will consider each new development and redevelopment project on a case-by-case basis through the CEQA and specific planning process. The City will track the number of projects presented near riparian, wetland, and buffer zones.*

**ii. Status of Measurable Goal**

The City received one application in Year 5 that was near a waterway.

**iii. Effectiveness**

This BMP can not be measured since it has not been completed

**iv. Proposed Modifications**

None

**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 projects presented near riparian, wetland, and buffer zones.

**Table 11. Post-Construction Storm Water Management**

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>						
			<i>Implemented</i>	<i>On Schedule</i>	<i>Exceeded</i>	<i>Modified</i>	<i>Effective</i>	<i>Not Effective</i>	<i>Unknown</i>
<b>PC1</b>	Implementation Strategy for LID and Hydromodification Control	PC-1A: The City will continue to apply LID principals and features to all applicable new and redevelopment projects and establish a tracking mechanism/reporting system for the implemented post-construction storm water controls.	Yes	Yes			X		
		PC-1B(1): The City will document goals, schedules, and target audiences thresholds, LID BMP design, and compliance with LID and Hydromodification Control for education and outreach that City conducts regarding enforceable mechanisms, hydromodification control criteria, applicability	Started						X
		PC-1B(2): The City will develop a tracking system that reports the accomplishments in education and outreach supporting implementation of LID and hydromodification control for new and redevelopment projects.	Not Started						
		PC-1C(1): The City will develop, advertise and make available LID BMP Design Guidance suitable for all stakeholders. (Quarter 4)	Not Started						
		PC-1C(2): The City will develop specific guidance and assistance for development project applicants to achieve and demonstrate compliance with the hydromodification control criteria and LID requirements. (Quarter 8)	Not Started						
<b>PC2</b>	CEQA Initial Study Checklist	PC-2: The City will revise the Initial Study Checklist if necessary, to ensure that the Initial Study Checklist includes qualitative CEQA thresholds to provide the basis for identifying storm water quality impacts and determining whether impacts are significant and conditions of approval and mitigation measures to implement key policies and address identified CEQA impacts. (Quarter 8)	Started						X

**Table 11. Post-Construction Storm Water Management**

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>						
			<i>Implemented</i>	<i>On Schedule</i>	<i>Exceeded</i>	<i>Modified</i>	<i>Effective</i>	<i>Not Effective</i>	<i>Unknown</i>
<b>PC3</b>	Enforcement Mechanisms	PE-3A: The City will finalize the Ordinance by Year 5 in the first permit term.	<b>In Process</b>	<b>No</b>		<b>X</b>			
		PE-3B(1): The City will review all applicable codes, regulations, standards, and/or specifications to identify modifications and/or additions necessary to effectively implement hydromodification controls and LID. (Quarter 2)	<b>Started</b>	<b>Yes</b>					<b>X</b>
		PE-3B(2): The City will approve or adopt any necessary modifications and/or additions to codes, regulations, standards and/or specifications. (Quarter 8)	<b>Not Started</b>						
		PE-3B(3): The City will apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects. (Quarter 9)	<b>Not Started</b>						
<b>PC4</b>	Post-Construction Management	PE-4: The City will develop a form to be used in a self-certification program for post-construction runoff controls on private and public property to ensure that the controls are appropriately maintained. (Quarter 4)	<b>Not Started</b>						
<b>PC5</b>	Hydromodification Control Criteria	PE-5: The City will develop Hydromodification Control Criteria and apply the criteria to applicable new development and redevelopment projects. (Quarter 8)	<b>Not Started</b>						
<b>PC6</b>	Applicability Thresholds	PE-6: The City will select Applicability Thresholds for applying Hydromodification Control Criteria to new and redevelopment projects. (Quarter 8)	<b>Not Started</b>						
<b>PC7</b>	County-Wide SLO Hydromodification TAC	The City will plan and organize monthly meetings and measure the participation rates over two years during the development of Hydromodification Control Criteria.	<b>Yes</b>	<b>Yes</b>			<b>X</b>		

**Table 11. Post-Construction Storm Water Management**

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>							
			<i>Implemented</i>	<i>On Schedule</i>	<i>Exceeded</i>	<i>Modified</i>	<i>Effective</i>	<i>Not Effective</i>	<i>Unknown</i>	
<b>PC8</b>	Protection of Riparian Areas, Wetlands and Other Buffer Zones	The City will track the number of projects presented near riparian, wetland and buffer zones.	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. (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. In order to fulfill the requirement of this BMP to conduct 2 inspections, an inspection was also conducted on a construction contractor that is working on a sewer pipe replacement.

**iii. Effectiveness**

No violations were observed or corrective actions were necessary during the observation of the landscape and sewer contractors working. The City is currently at CASQA Level 1: Documenting if the program is being implemented.

**iv. Proposed Modifications**

None

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

### **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!" during Year 4. 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. A link to IWMA's web site has also been placed on the City's storm water web page. Additionally, the City is a member of IWMA and contributes to the school program which educates children on trash, recycling, and household hazardous waste.

**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.**

The City will continue to promote IWMA programs.

**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. (Completed)*

**ii. Status of Measurable Goals**

The Facility and Maintenance form was developed in Year 2 as required. This form was revised in Year 4 to be more applicable to the City's facilities. Eighteen City facilities were inspected in June 2010. The City water reservoirs were also inspected this year. Each facility was also evaluated for the potential non-storm water discharges and impact on storm water based on the facility use (types of activities), maintenance activities, materials stored on site, drainage and the potential for pollutants to enter storm water runoff. Table 14 lists the facilities inspected.

Two maintenance activities were evaluated to determine if staff used the proper precautions to prevent storm water pollution or non-storm water discharges. The Water Department staff was evaluated while cleaning sediment and cat tails out of a concrete swale and the street crews were evaluated while applying glyphosphate weed killer to the road edge. City staff followed procedures to prevent storm water pollution.

**iii. Effectiveness**

Inspecting City facilities and observing City staff performing job duties that could have a negative impact on storm water reminds staff of the importance of following procedures to prevent storm water pollution. 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.**

See the new Storm Water Management Plan.

**Table 12. Facility Inspections**

	<i>Facility</i>	<i>Location</i>	<i>Deficiencies Noted</i>	<i>Potential Impact</i>	<i>Reason for Impact Rating</i>
1.	Administrative Services	Pine St.	No	Low	Offices
2.	Barney Schwartz Park	Union Rd.	Yes	Low	Maintenance area and has creek nearby.
3.	Centennial Park (Pools)	Nickerson Dr.	Yes	Medium	Creek has erosion problem. Trail along creek is popular with dog walkers. Variety of uses. After school use.
4.	City Hall/Library	Spring St.	No	Medium	Offices
5.	Fleet Maintenance/ Parks	Riverside Ave.	No	Low	All hazardous waste stored indoors in garage. Materials & haz. waste storage areas.
6.	Lawrence Moore Park	Riverbank Lane.	No	Low - Medium	Storm drains drain through park located on the east bank of the Salinas River.
7.	Municipal Pool	28th St.	No		Deck drains back toward pool and drains.
8.	Oak Creek Park	Cedarwood Dr.	Yes	Low	Storm drains empty into the creek that flows through the park. Park has a lot of trash.
9.	Pioneer Park	Riverside Ave.	No	Medium	No drainage area.
10.	Senior Center/ Veteran's Memorial Bldg	Scott St.	No	Low	Indoor use.
11.	Sherwood Park	Creston Rd.	Yes	Low	Storm drains empty into the creek that flows through the park. Park has a lot of trash.
12.	Streets Department/Water Yard	Paso Robles St.	No	Medium - High	Facility has materials storage.
13.	Turtle Creek Park	Brookhill Dr	No	Low	Creek flows through park. Much of the area is left natural.
14.	City Park	Spring St.	No	Low	No material storage.
15.	Wastewater Plant	Sulphur Springs Rd.	No	Low	All storm water drains to ponds.
16.	Golden Hill Reservoir	Rolling Hills	Yes	Low	Erosion issues up near tanks.
17.	Merryhill Rd. Reservoir	Merryhill Rd.	No	Low	No materials stored. Area around reservoir is gravel.
18.	21 St. Reservoir	21 St	No	Low	No materials stored. Area around reservoir is gravel.

#### **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. 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. The Building inspectors were given a storm water training test on February 9, 2010.

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 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. The City is enrolled in the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems which includes strict reporting requirements for sewage spills that reach the storm drain system.

Twenty-eight City staff attended an Environmental Safety Class taught by the Joint Powers Insurance Authority. This class included a module on storm water requirements.

***Table 13. Storm Water Training***

Department Division	# of Staff
Public Works (Admin.)	2
Building Department	4
Streets	3
Parks	5
Maintenance	1
Fleet Maintenance	1
Airport	2
Water	6
Wastewater	11
<b>Total</b>	<b>35</b>

Additionally, City staff with greater responsibilities in the storm water program such as building inspectors, storm water staff and planners received additional training as shown in Table 16 below.

***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***

None

***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 14. Additional Staff Training***

<i>Staff Person</i>	<i>Position/Responsibility</i>	<i>Training</i>
Patti Gwathmey	Industrial Waste Manager (Storm Water Program Administrator)	<ul style="list-style-type: none"> <li>• Erosion Control &amp; Low Impact Development</li> </ul>
Michael Hendry	Water Resource Specialist (Storm Water Inspector)	<ul style="list-style-type: none"> <li>• Erosion Control Low Impact Development</li> <li>• Effective Erosion Control &amp; Grading Techniques for Sediment Reduction</li> <li>• Grading &amp; Erosion Control</li> </ul>
Bill Wittmeyer	Senior Building Inspector	<ul style="list-style-type: none"> <li>• Erosion Control Low Impact Development</li> </ul>
Matt Thompson	Wastewater Manager	<ul style="list-style-type: none"> <li>• Erosion Control Low Impact Development</li> </ul>
Susan DeCarli	City Planner	<ul style="list-style-type: none"> <li>• 2010 International Low Impact Development Conference</li> </ul>
Darren Nash	Assoc. City Planner	<ul style="list-style-type: none"> <li>• 2010 International Low Impact Development Conference</li> </ul>

**Table 15 . Pollution Prevention/Good Housekeeping for Municipal Operations**

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>						
			<i>Implemented</i>	<i>On Schedule</i>	<i>Exceeded</i>	<i>Modified</i>	<i>Effective</i>	<i>Not Effective</i>	<i>Unknown</i>
<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)	Yes	No			X		
<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)	Yes	Yes					X
<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)	Yes	Yes			X		
<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.	Yes	Yes					X
<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.	Yes	Yes			X		

## 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."*

	September 14, 2010
Signature of Committee (legally responsible person)	Date Signed
Patti Gwathmey	Industrial Waste Manager
Name (printed)	Title