

**City of Paso Robles  
2010-2011 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, 2010 to June 30, 2011

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## *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 six are in the revised SWMP dated June 2, 2010. This report focuses on the activities the City performed in Year six of the permit.

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 amended the Post-Construction MCM to include the BMPs and Measurable Goals required for all JE participants for the first phase of the JE. The current SWMP dated June 2, 2010, includes these required BMPs. Progress made on these BMPs is reported quarterly to the RWQCB and is described in this report.

Although the City implemented BMPs in all six of the MCMs, the City believes that the most effective BMPs for protecting and preserving our watershed are related to educating school age children, enforcing construction runoff 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 long-term 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.

The City continues to spend a considerable amount of time on the hydromodification requirements issued by the RWQCB. The City participates in the County-wide San Luis Obispo Hydromodification Technical Advisory Committee (TAC) which 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 Central Coast 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 as a means to involve non-governmental organizations.

This past year the Wastewater Department gave a three thousand dollar mini-grant to the Paso Robles Public Schools for students to learn about Fats, Oil, and Grease (FOG) and the detrimental environmental effects that it can cause. Nearly 30 students in the advanced chemistry and video production classes from Paso Robles High School learned about FOG. Student projects included radio and TV Public Service Announcements on FOG, a web page about FOG on the school's web site, and field trips to wastewater plants to learn about how wastewater collection systems work.

## 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	Public School outreach for wastewater, water conservation, and storm water.	PE-1: Work with the City's education contractor to promote the program to local schools and address water quality issues related to water quality issues.	Ongoing	Yes
PE2	Contribute funding towards County-wide PSAs for storm water and water quality issues.	PE-2A: Run storm water PSAs on radio targeting approximately 60,000 individuals county-wide.	Ongoing	Yes
		PE-2B: Run storm water PSAs on television targeting approximately 180,000 individuals county-wide.	Ongoing	Yes
PE3	Provide educational materials to residents on storm water Pollution prevention and water quality issues.	PE-3A: Continue to provide education materials to resident on topics such as: home repair, yard care including green waste and chemicals, spa and swimming pools, etc.	Ongoing	Yes
PE4	Provide educational materials to specific types of businesses and industries on storm water pollution prevention and water quality issues.	PE-4A: Provide written educational materials to specific types of businesses such as food establishments, and mobile cleaners.	Ongoing	Yes
		PE-4B: Partner with other MS4s in the County to provide training for businesses such as pressure washers and food establishments.	NA this year.	
		PE-4C: Develop and distribute additional educational materials on specific businesses such as auto shops, wineries, auto detailing, and heavy industry.	NA this year.	
PE5	Participate in the Our Water Our World Program	PE-5A: Work with OSH and Farm Supply Co. to keep fact sheets stocked.	Ongoing	Yes
		PE-5B: Provide funding for OWOW representatives to provide training to store employees on the program.	Ongoing	Yes
PE6	The City will investigate CBSM strategies through the EPA's guide for Conducting Watershed Outreach Campaigns.	PE-6: Investigate CBSM strategies that can be incorporated into educational materials to target specific audiences.	NA this year.	

## 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>
PE7	Provide information on the City's web site about preventing storm water pollution including links to the SWMP, educational materials for residents, businesses and the construction and development community.	PE-7: Provide copies of the City's SWMP and annual Reports, related links, and educational materials for residents, specific types of businesses, and the construction and development community.	Ongoing	Yes
PE8	IWMA Partnership	PE-8: The City is a member of the IWMA and contributes to the school based program which includes several classroom presentations that are given by a private contractor.	Ongoing	Yes
<b>Public Participation and Involvement</b>				
PP1	Comply with public notice requirements	PP-1: Follow public notice requirements to ensure compliance including providing legal notice for all ordinance, zoning, and City standards and other applicable documents or funding related to the storm water program.	NA this year.	
PP2	Partner with other municipalities, Non-Governmental Organizations, and other stakeholders groups.	PP-2A: Attend a majority of the Central Coast Partners for Water Quality meetings whose goal is to work together to raise awareness to water quality issues.	Ongoing	Yes
		PP-2B: Participate in the San Luis Obispo County-wide Hydromodification Technical Advisory Committee.	Ongoing	Yes
PP3	Provide the public opportunities to comment on the City's SWMP.	PP- 3A: Post the SWMP and annual reports on the City's web site.	Completed	Yes
		PP-3B: Provide a method on the storm water web site to comment on the City's storm water program.	Completed	Yes
PP4	Adopt-A-Street Program	PP-4A: Promote the program to keep volunteer participation up through flyers and the City's web site.	Ongoing	Yes
		PP-4B: Trend the quantities of trash picked up by program volunteers.	Ongoing	Yes
PP5	Participate in the County-wide annual Creek Cleanup Day.	PP-5: The City will partner with NGOs to promote the County-wide annual creek cleanup day events.	Ongoing	Yes
PP6	Storm drain marking maintenance	PP-6A: Develop a program that includes public component to report unmarked storm drains to the City.	NA this year.	

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

BMP	Description	Measurable Goal	Status	
			Status	On Schedule
		PP-6B: Ensure drain inlets are marked per the City Standards by the developer or contractor.	NA this year.	
<b>Illicit Discharge Detection and Elimination</b>				
ID1	Maintain and update storm drain map	ID-1: Work with the GIS staff to continuously upgrade the storm water map.	No Completed	no
ID2	Adopt and Enforce the Storm Water Ordinance.	ID-2A: Adopt the Storm Water Ordinance in the summer of 2010.	Not completed	no
		ID-2B: The City will take enforcement actions when appropriate for illicit discharges prohibited in the storm water ordinance.	Ongoing	Yes
ID3	IDDE Complaint Investigation and Response	ID-3A: Allow the public and City staff various methods of reporting illicit discharges such as the storm water information line, storm water web page, or general phone number.	Completed	Yes
		ID-3B: Respond to complaints within 48 hours and if corrective action is needed a Notice of Violation will be issued to the responsible party.	Ongoing	Yes
ID4	Illicit connections between the City's collection system and storm drains.	ID-4: Investigate suspected illicit connections between the City sewer and storm drains located during CCTV or industrial waste inspections.	Ongoing	Yes
ID5	Sanitary sewer discharges due to grease blockages.	ID-5A: Conduct FOG and storm water inspections at food facilities enrolled in the Industrial Waste Program to ensure Fats, Oils, and Grease are being properly handled.	Ongoing	Yes
		ID 5B: Conduct a residential public education campaign in various neighborhoods on the effects of pouring FOG down the drain to reduce sewage spills caused by grease blockages	NA this year.	
ID6	Business and industrial inspections	ID-6: Conduct storm water inspections at businesses and industrial facilities that are enrolled in the Industrial Waste Program.	NA this year.	
ID7	Outfall inspections	ID-7A: Inspect targeted outfalls prior to the beginning of the wet season to determine if there have been illicit discharges or dry weather flows exist.	Completed	Yes
		ID-7B: Investigate illicit discharges and dry weather flows to locate the source and determine if corrective action is required.	Ongoing	Yes

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

BMP	Description	Measurable Goal	Status	
			Status	On Schedule
<b>Construction Site Storm Water Control</b>				
CS1	Construction Site Inspections	CS-1A: Inspect all sites, regardless of size, with grading permits for compliance with erosion and sediment control requirements.	Ongoing	Yes
		CS-1B: Inspect all construction sites, regardless of size, for compliance with the Water Quality Standards.	Ongoing	Yes
CS2	Enforcement of the construction section the Ordinance, Erosion and Sediment Control Plans, Water Quality Standards.	CS-2: The City will take enforcement actions when appropriate for illicit discharges in the storm water ordinance, violations related to storm water runoff, construction BMPs, or E&SC plans.	Ongoing	Yes
CS3	Conduct education program for project applicants, developers and contractors and the public for storm water related issues.	CS-3A: Develop education materials on storm water requirements at construction sites including water quality standards.	Ongoing	Yes
		CS-3B: Distribute education materials during on site inspections, with building permits if applicable, and place on the City's storm water web site.	Ongoing	Yes
		CS-3C: Develop and distribute information for the general public on storm water issues at construction sites.	NA this year.	
		CS-3D: Include the phone number for the storm water information line for the public to report construction site complaints.	NA this year.	
CS4	Erosion and Sediment Control training for City construction site inspectors.	CS-4: Require building inspectors to receive a minimum of 2 hours of training on erosion and sediment control and storm water handling annually.	Ongoing	Yes
CS5	Revise the grading and erosion and control ordinances to ensure all construction related storm water measures required by the General Permit are included.	CS-5A: Update and revise the grading and erosion and sediment ordinances to be consistent with the current permit, the City's storm water ordinance, and any applicable requirements of the Joint Effort for Hydromodification Criteria.	Not Completed	No

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

BMP	Description	Measurable Goal	Status	
			Status	On Schedule
<b>Post-Construction Storm Water Management</b>				
PC1	Implementing 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 during the two-year period preceding adoption of hydromodification control criteria.	Ongoing	Yes
		PC-1B: Establish a tracking mechanism/reporting system of post construction storm water controls installed.	NA this year.	
		PC-1C: Provide appropriate education and outreach for applicable target audiences.	Completed	Yes
		PC-1D: The City will develop a tracking system that reports the accomplishments in education and outreach.	NA this year.	
		PC-1E: The City will develop, advertise and make available LID BMP Design Guidance suitable for all stakeholders.	Completed	yes
		PC-1F: The City will develop specific guidance for development project applicants on how to achieve and demonstrate compliance with hydromodification control criteria and LID requirements.	NA this year.	
PC2	CEQA Initial Study Checklist	PC-2: The City will revise the Initial Study Checklist if necessary, to ensure that hydromodification control is considered by the list or through other means, and to ensure that CEQA analyses are based on complete information including the types, sizes, and location of post construction BMPs. (Quarter 8)	NA this year.	
PC3	Enforcement Mechanisms	PC-3A: The City will review all applicable codes, regulations, standards, and/or specifications to identify modification and/or additions necessary to effectively implement hydromodification controls and LID.	Completed	Yes
		PC-3B: The City will approve or adopt any necessary modifications and/or standards. (Quarter 8)	NA this year.	
		PC-3C: The City will apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects. (Quarter 9)	NA this year.	
PC4	Post Construction BMP Management	PC-4A: Develop a form to be used in a self-certification program for post-construction runoff controls on private and public property. (Quarter 4)	NA this year.	
		PC-4B: Implement the self-certification program.	NA this year.	
PC5	Hydromodification Control Criteria	PE-5: Specific criteria for the City will be derived to control hydromodification in new and redevelopment projects using Water Board approved methodology developed through the Joint effort. (Quarter 8)	NA this year.	

## Status of Measurable Goals

**Table 1. Status of Measurable Goals**

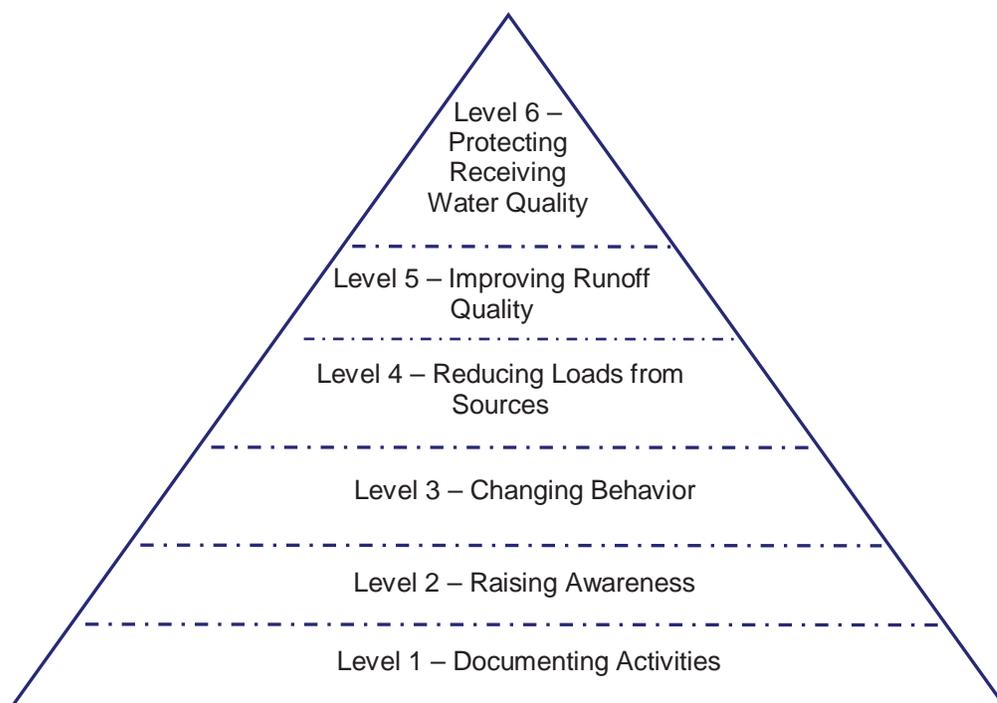
<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>	
			<i>Status</i>	<i>On Schedule</i>
<b>PC6</b>	Applicability Thresholds	PE-6: Select Applicability thresholds for applying Hydromodification Control Criteria to new and redevelopment projects. (Quarter 8)	NA this year.	
<b><i>Pollution Prevention/Good Housekeeping for Municipal Operations</i></b>				
<b>GH1</b>	c	GH-1: Conduct annual pollution prevention inspections of all City facilities and two maintenance operations to determine if BMPs are employed to prevent storm water pollution and non-storm water discharges.	Ongoing	Yes
<b>GH2</b>	Development of a Municipal BMP Guidance Document	GH-2: Develop a municipal BMP guidance document which will cover the maintenance activities of the streets, parks, building maintenance and fleet maintenance departments using the CASQA manual as a guide.	NA this year.	
<b>GH3</b>	City staff training	GH-3A: Incorporate pollution prevention/good housekeeping BMPs into safety tail gate meetings at least every four meetings.	Ongoing	Yes
		GH-3B: Training materials related to pollution prevention/good housekeeping will be developed using the CASQA Municipal Operations Manual to be handed out.	NA this year.	

## 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 Storm Water Management Report dated June 2, 2010.

## Public Education and Outreach

### Additional Activities Implemented

- **Festival of the Arts.**  
The City of Paso Robles held the third annual Festival of the Arts on May 28, 2011 as part of the Salinas River Corridor Project. The event features River-themed art and was attended by approximately 5000 people. Sammy Steelhead made two appearances in the children's area and the City's Storm Water Program 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. 69 raffle tickets were completed to win the barrels.
- **Mountain Springs Road: Free Erosion and Sediment Control Workshops.**  
The City and the County of San Luis Obispo offered free erosion and sediment control workshops to residents within the Mountain Springs Creek Watershed. These workshops were offered to 150 residents due to problems that the City was experiencing with the storm drain system filling with sediment below Mountain Springs Road. Residents that attended the workshops received a free on-site consultation if requested.

Twenty-four residents attended the two workshops. Sixteen landowners signed up for the free consultation with the contractor, Donald Funk. On-site consultations were held on 18 properties and 5 private roads, totaling approximately 1.25 miles in length.

### BMP PE1: Public School Outreach Program

- Measurable Goal**  
PE-1: Public School outreach for water conservation, wastewater, and storm water educational program for 3<sup>rd</sup> through 6<sup>th</sup> grades. (On-going)
- Status of Measurable Goals**



The City contracts with Science Discovery to provide classroom presentations that meet the California Academic Standards to 3<sup>rd</sup> through 7<sup>th</sup> grade on storm water, water conservation, and wastewater. The

wastewater presentation is a field trip to the City's Wastewater Treatment Plant.

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 water conservation presentation is the most requested class due to the water issues in the City. Storm water presentations decreased from 17 classes the previous year to 12 classes in Year 6 (approximately 340 students). 16 classes took a tour of the Wastewater Treatment Plant and 21 water conservation presentations were given. See Table 2 below for the type of the presentation, school, and the grade level.

In order to increase the numbers of storm water presentations and promote the wastewater treatment plant field trip, the City offers the teachers that signed up for all three classes free t-shirts for all students that read "I Conserve It and Keep it Clean! Our Future – Water".

**iii. 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. This program is designed to form long-term habits in protecting water quality and water conservation. 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. Conversations with children that have taken the storm water class show that they do retain the information learned during the presentation. This BMP is consistent with CASQA Level 3: Changing Behavior.

**iv. Proposed Modifications**

No modifications are proposed.

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

This coming school year the City will be offering a free storm water field trip to 4th through 6th grade teachers that take the in-class storm water presentation. The field trip will have the students examine pond water samples under a microscope to see the live biology and then discuss the effects that storm water pollution would have on the biology. The City is sharing the cost of this equipment for this field trip with the City of Arroyo Grande.

**Table 2. Water Education Program**

**City of Paso Robles  
 2009-2010 School Year**

<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>
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

**Table 2. Water Education Program**

City of Paso Robles 2009-2010 School Year			
Date	Program	School	Grade
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 PE-2: County-Wide Public Service Announcements**

**i. General Summary**

PE-2A: Run storm water PSAs on radio targeting approximately 60,000 individuals county-wide using 30 second announcements on at least one radio station, two times per year. (Ongoing)

PE-2B: Run Storm water PSAs on television targeting approximately 180,000 individuals county-wide using 30 second television ads on at least one local TV channel, two times per year. (Ongoing)

**ii. Status of Measurable Goal**

PE-2A: The City began contributing funding toward the Sammy Steelhead ads. During the Fall of 2010, 152 radio ads were played, reaching 90,500 individuals at a frequency of 3.2.

During summer 2011, 152 radio ads were run on 3 stations.

PE-2B: In the Fall of 2011, 18 TV ads were run on KSBY. These ads reached 207,190 individuals at a frequency rate of 1.4.

For the summer campaign 2011, 34 TV ads were ran on KSBY with a frequency of 1.6.

**iii. Effectiveness**

Public Service Announcements are an effective means of educating the public. The ads send a consistent message to larger group of people than the City would be able to reach on their own.

**iv. Proposed Modifications**

Modify both PE-2A & PE-2B to read “15 of 30 second”. The existing ads are 30 seconds but the new PSAs will be one 30 second and two or three 15 second ads.

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

The City will be contributing funds for the production of 3 new 15 second TV and radio ads and a central storm water web site.

***BMP PE-3: Provide Educational Materials to Residents***

***i. General Summary***

PE-3: *Continue to provide educational materials to residents on topics such as: home repair yard care, swimming pools and spas, proper disposal of pet waste, trash, etc. Educational materials may be handed out at public events, presentations, at public offices, or with Notice of Violations. (Ongoing)*

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

Brochures and fact sheets are developed and distributed by the City to educate the community on how 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-3: The City has three brochures and two coloring books related to storm water pollution.

- Help Stop Storm Water Pollution - was developed in April 2008. Approximately 30 of these brochures were distributed at public events and at City Hall and to Adopt-A-Street applicants. The brochure is available on the City's storm water web page and continues to be available to the public at City Hall.
- Stop Illegal Dumping - includes the storm water line, information on the Adopt-a-Street program and Integrated Waste Management's web site. This brochure is available to the public at public events and is on the City's web site. Approximately 20 of these brochures were handed out.
- Pet Care Tips to Stop Storm Water Pollution - The city handed out 40 of these brochures along with fake dog doo at the Festival of the Arts in May 2011.
- Sammy Steelhead Coloring books - 100 coloring books were given away at the annual Fishing Derby on April 9, 2011 and 120 were handed out at the Festival of the Arts on May 28, 2011.
- Dwayne the Storm Drain – This is a coloring/activity book that was modified for the City in April 2011. The City will begin handing this book out to children at events.

***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 homeowners at public events and to 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 a 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: Provide Educational Materials to Specific Types of Businesses and Industries**

**i. Measurable Goal**

PE-4: Provide written educational materials to specific types of businesses such as food establishments, and mobile cleaners which are known to have a higher incident rate of causing non-storm water discharges. (Ongoing)

PE-4B: Partner with other MS4s in the County to provide training for businesses such as pressure washers and food establishments. (Years 7 & 9)

PE-4C: Develop and distribute additional materials on specific business such as auto shops, wineries, auto detailing, and heavy industry. (Years 9 & 10)

**ii. Status of Measurable Goals**

PE-4A: The City has created brochures that are targeted towards specific businesses such as mobile cleaners and food establishments. Brochures are available on the City's storm water web site and are routinely handed out during FOG inspections and given to recipients to notices of violations related to storm water issues.

Brochures and fact sheets can be an effective tool for educating business owners about the City's Storm Water Program and the water quality issues associated with pressure washing and restaurants. 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.

- *Preventing Storm Water Pollution at Your Business!* - This brochure covers various subjects such as pressure washing, washing off outside areas and general BMPs for preventing storm water pollution at business. Cleaning hard surfaces and washing equipment outside at businesses especially at restaurants has been a reoccurring problem in the City. This is one of two brochures that that address illicit discharges from businesses. This brochure is available on the City's storm water web page and is handed out with Notice of violations. 142 copies of this brochure were handed out at all FOG inspections.
- Best Management Practices for Mobile Cleaning Activities – is a booklet that covers BMPs for a variety of mobile cleaning services including surface cleaning, carpet cleaning, and food service. The booklet helps mobile cleaning

services determine the proper method of disposing of wastewater from certain activities. 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. A copy of this booklet is sent to them. Approximately 15 of these booklets were handed out. This booklet is also available on the storm water web page and handed out with Notice of Violations.

- Best Management Practices for Pressure Washing – this brochure was developed as a result of the number of Notice of Violations written for cleaning side walks and parking lots. 18 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 has information on the effects of Fats, Oil, and Grease (FOG) on the City’s sewer system and a list of BMPs to prevent FOG from entering the sewer system. It was handed out at 142 FOG inspections in Year 6.

PE-4B: This BMP is not required to be implemented until Years 7 & 9.

PE-4C: This BMP is not required to be implemented until Years 9 & 10.

### **iii. Effectiveness**

PE-4A: It is difficult to determine if passing out public education materials is effective. The City believes that businesses that receive brochures directly related to violations observed will be more likely to change their behaviors (CASQA Level 3). Tracking the number of brochures distributed is consistent with CASQA Level 1: Documenting Activities.

### **iv. Proposed Modifications**

The City would like to remove this BMP.

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

The City will continue to educate businesses about storm water.

## **BMP PE-5: Participate in the Our Water Our World Program**

### **i. Measurable Goal**

PE-5A: Work with OSH and Farm Supply Co. to keep fact sheets stocked.

PE-5B: Provide funding for OWOW representatives to provide training to store employees on the program.

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

The City participates in 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 Co. 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. The Paso Robles Farm Supply store has also experienced increased sales of less toxic products and promotes the program.

In July 2011 the City sponsored the representative from OWOW to give training to eight employees at Farm Supply Co. and three employees at OSH. Approximately 220 sheets were restocked at the two stores.

**iii. Effectiveness**

Offering training to store employees on why less toxic products are important to the environment increases likelihood that customers will buy the products. The fact that both stores in Paso Robles have increased the sales of the products with the OWOW labels shows that this program is effective and is changing behaviors, reducing loads from sources, and improving runoff quality which is Level 5 for effectiveness.

**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 promote and fund this program.

**BMP PE-6: Investigating Community-Based Social Marketing Strategies**

**i. Measurable Goal**

PE-6: Investigate Community Based Social Marketing (CBSM) strategies that can be incorporated into educational materials to target specific audiences. (Years 8-10)

**ii. Status of Measurable Goal**

Although this BMP is not required to be started until Year 8, the City has started to investigate CBSM strategies with the Central Coast Partners for Water Quality and has researched strategies in several publications.

Also, the Wastewater Manager and Industrial Waste Manager also took part in the web cast "Using Social Media to Deliver Your Public Works Message" on December 2, 2010 put on by the American Public Works Association.

**iii. Effectiveness**

This BMP is not being rated since it is not required to be started until Year 8.

**iv. Proposed Modifications**

None

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

As stated above the City will be contributing funding to the development of County-wide PSAs and a Web site that will be the first step towards CBSM strategies.

**BMP PE-7: Web Site**

**i. Measurable Goal**

PE-7: Provide copies of the City's SWMP and annual Reports, related links and

*educational materials for residents, specific types of businesses and the construction and development community. Public education materials include a reference to the City's web site. (On-going)*

**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, Hydromodification 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 for this reporting year was 1,205, up 5 hits from the previous year. The months of September, December and February showed the highest numbers of hits.

**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".

**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 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-8: IWMA Partnership**

**i. Measurable Goal**

PE-8: The City is a member of the Integrated Waste Management Association (IWMA) and contributes to the school based program which includes several classroom presentations that are given by a private contractor, Science Discovery.

**ii. Status of Measurable Goal**

84 classes from Paso Robles schools took classes offered by the IWMA. Classes include Vermi composting, Paper–The TREEmendous Paper Tale, Introduction to Recycling, and Oil & Beyond. Table 3 lists the type of presentation, school, and grade for the city of Paso Robles.

**iii. Effectiveness**

Contributing to the funding of education program for school aged children about trash, recycling, and composting is a very effective method for changing behaviors and reducing loads from sources, CASQA Level 4.

**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 contribute funding to this program as a member of the IWMA.

**Table 3. IWMA Education Classes**

<b>City of Paso Robles 2010-2011 School Year</b>				
<b>Date</b>	<b>Program</b>	<b>School</b>	<b>Grade</b>	<b># of Classes</b>
7-12-10	Recycle	P.R.H.S.	10 <sup>th</sup>	1
9-30-10	Vermi composting	Bauer Speck	1st	3
10-1-10	Recycle	Pifer	4th	2
10-8-10	Recycle	Georgia Brown	5 <sup>th</sup>	3
10-15-10	Vermi composting	Georgia Brown	5th	3
10-18-10	Vermi Composting	Virginia Peterson	K	3
10-28-10	Recycle	Georgia Brown	2 <sup>nd</sup>	3
11-4-10	Vermi composting	Georgia Brown	2 <sup>nd</sup>	3
11-9-10	Oil & Beyond	Georgia Brown	2nd	3
11-15-10	Vermi composting	Liberty High	10th	1
11-16-10	Paper	Georgia Brown	2 <sup>nd</sup>	3
11-17-10	Paper	Virginia Peterson	K	2
11-19-10	Recycle	Bauer Speck	3rd	3
1-7-11	Paper	Georgia Brown	5th	3
1-20-11	Paper	Virginia Peterson	1st	3
1-28-11	Oil & Beyond	Georgia Brown	5th	3
1-28-11	Recycle	P.R.H.S.	100 kids	
2-3-11	Paper	Pat Butler	4 <sup>th</sup>	4
2-9-11	Recycle	Pat Butler	K	2
2-4-11	Recycle	Kermit King	K	3
2-11-11	Vermi composting	Kermit King	K	3
2-18-11	Paper	Kermit King	K	3
3-7-11	Recycle	Georgia Brown	4th	3
3-16-11	Vermi composting	Pat Butler	K	2
3-28-11	Recycle	Bauer Speck	K	2
3-31-11	Paper	Bauer Speck	K	2
4-4-11	Recycle	Kermit King	3rd	2
4-5-11	Recycle	Kermit King	3 <sup>rd</sup>	1
4-7-11	Vermi Composting	Bauer Speck	3 <sup>rd</sup>	3
5-5-11	Vermi Composting	Pifer	1 <sup>st</sup>	3
5-17-11	Paper	Bauer Speck	3 <sup>rd</sup>	3
5-27-11	Recycle	Pifer	3rd	2
6-7-11	Oil & Beyond	Bauer Speck	3rd	3
6-8-11	Vermi composting	Pat Butler	4th	3

**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>	Public School outreach for wastewater, water conservation, and storm water.	PE-1: Work with the City's education contractor to promote the program to local schools and address water quality issues related to water quality issues.	<b>Yes</b>	<b>Yes</b>			<b>X</b>		
<b>PE2</b>	Contribute funding towards County-wide PSAs for storm water and water quality issues.	PE-2A: Run storm water PSAs on radio targeting approximately 60,000 individuals county-wide.	<b>Yes</b>	<b>Yes</b>	<b>X</b>				
		PE-2B: Run storm water PSAs on television targeting approximately 180,000 individuals county-wide.	<b>Yes</b>	<b>Yes</b>	<b>X</b>				
<b>PE3</b>	Provide educational materials to residents on storm water Pollution prevention and water quality issues.	PE-3A: Continue to provide education materials to resident on topics such as: home repair, yard care including green waste and chemicals, spa and swimming pools, etc.	<b>Yes</b>	<b>Yes</b>			<b>X</b>		
<b>PE4</b>	Provide educational materials to specific types of businesses and industries on storm water pollution prevention and water quality issues.	PE-4A: Provide written educational materials to specific types of businesses such as food establishments, and mobile cleaners.	<b>Yes</b>	<b>Yes</b>			<b>X</b>		
		PE-4B: Partner with other MS4s in the County to provide training for businesses such as pressure washers and food establishments.	<b>NA</b>						
		PE-4C: Develop and distribute additional educational materials on specific businesses such as auto shops, wineries, auto detailing, and heavy industry.	<b>NA</b>						
<b>PE5</b>	Participate in the Our Water Our World Program	PE-5A: Work with OSH and Farm Supply Co. to keep fact sheets stocked.	<b>Yes</b>	<b>Yes</b>	<b>X</b>				
		PE-5B: Provide funding for OWOW representatives to provide training to store employees on the program.	<b>Yes</b>	<b>Yes</b>			<b>X</b>		
<b>PE6</b>	The City will investigate CBSM strategies through the EPA's guide for Conducting Watershed Outreach Campaigns.	PE-6: Investigate CBSM strategies that can be incorporated into educational materials to target specific audiences.	<b>NA</b>						

<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>PE7</b>	Provide information on the City's web site about preventing storm water pollution including links to the SWMP, educational materials for residents, businesses and the construction and development community.	PE-7: Provide copies of the City's SWMP and annual Reports, related links, and educational materials for residents, specific types of businesses, and the construction and development community.	<b>Yes</b>	<b>Yes</b>			<b>X</b>		
<b>PE8</b>	IWMA Partnership	PE-8: The City is a member of the IWMA and contributes to the school based program which includes several classroom presentations that are given by a private contractor.	<b>Yes</b>	<b>Yes</b>	<b>X</b>		<b>X</b>		

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

### ***BMP PP-1: Comply with Public Notice Requirements***

***i. Measurable Goal***

PP-1: Follow public notice requirements to ensure compliance including providing legal notice for all ordinance, zoning, and City Standards and other applicable documents or funding related to the storm water program.

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

PP-1: The City did not have any storm water related items that required public notice this reporting period.

***iii. Effectiveness***

The effectiveness of this BMP cannot be rated this year.

***iv. Proposed Modifications***

No modifications are proposed.

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

Not known at this time.

### ***BMP PP-2: Partner with other Municipalities, NGOs and Stakeholders.***

***i. Measurable Goal***

PP-2A: Attend a majority of the Central Coast Partners for Water Quality meetings whose goal is to work together to raise awareness to water quality issues, pollution prevention, and other issues related to storm water.

PP-2B: Participate in the San Luis Obispo County-wide Hydromodification Technical Advisory Committee (SLO TAC).

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

PP-2A: The City's Industrial Waste Manager serves as a co-chair for this group and attended all of the meetings. The group meets on a quarterly basis and consists of non-traditional and traditional MS4s from the Counties of Santa Barbara and San Luis Obispo, Non-government Organizations, and other stakeholders such as education contractors. The group works together to provide consistent storm water messages and to share educational materials.

The City also serves on the Partners sub-group with the City of San Luis Obispo and the County of San Luis Obispo to develop meeting agendas, group projects, and to create documents to present to the group. Additionally, the City participates in the CASQA Phase II Storm Water Subcommittee in order to keep other MS4s in the County current on the

latest issues regarding the Phase II program throughout the state.

Additionally the City partners with other MS4s and NGOs on BMPs such as the annual Creek Day, Broadcasting PSAs, and sharing the costs of materials used by Science Discovery for the school education program.

PP-2B: The City Engineer is an active member of the SLO TAC which includes members from MS4s from the County's of Santa Barbara, San Luis Obispo, and Monterey, engineering firms, and the development community. The City Engineer participated in the sub-committee that prepared interim LID for the MS4s in the region. (Years 6-8)

The City also participated on the R3 Thinking Group which is an effort facilitated by the LID Initiative, UC Davis, and is intended to foster improved communication and problem-solving related to the Joint Effort agreement between the Regional Board and participating MS4s. The team selected the Joint Effort MS4 requirement of Applicability Thresholds as the initial topic. The MS4 and Regional Board individuals participating on the team represented their respective groups (i.e., Central Coast MS4s, and Regional Board).

**iii. Effectiveness**

PC-2A: Participating in the Central Coast Partners has been more effective since all of the MS4s in Region 3 have now been permitted. The individual MS4s are more willing to participate in group activities and to share costs in activities such as developing new storm water PSAs and a central storm water web site. The City feels that this will result in changing behaviors, reducing loads from sources, and eventually improve runoff quality since one consistent message is more effective than various messages. Currently the effectiveness of this BMP is Level 2, raising awareness.

PC-2B: The SLO TAC has been very successful in creating consistency throughout SLO County for developing interim Low Impact Development (LID) and working together at accomplishing BMPs associated with the Joint Effort to Develop Hydromodification. Having consistent interim LID requirements in place throughout the County will result in, changing the traditional way of dealing with storm water which will reduce loads from sources (Level 4)

**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 the Partners for Water Quality and SLO TAC, but will step down from the position of co-chair for the Partners group.

**BMP PP-3: Provide Opportunities for Public Comment on the City's SWMP**

**i. Measurable Goal**

PP-3A: *Post the SWMP and annual reports on the City's web site. (Ongoing)*

PP-3B: Provide a method on the storm water web site to comment on the City's storm water program. (Ongoing)

**ii. Status of Measurable Goals**

PP-3A: The City has a storm water web page which gives the community access to information about the City's Storm Water Program including the SWMP, annual reports, educational materials and links to related web sites. The web page also gives citizens a method to comment on the program. (Ongoing)

PP-3B: 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 have ever been received using this form. (Ongoing)

**iii. Effectiveness**

PP-3A: Providing the SWMP and annual reports on the web site is effective. The SWMP had the highest number of views of all of the storm water pages with 495 views. This is consistent with Level 2, Raising Awareness.

PP-3B: This BMP is not effective, but the form will remain on the web page. Providing a comment form on the City's web site and the storm water web page is consistent with CASQA Level 1: Documenting Activities. The fact that the community does not use the comment form on City's web site is not an effective measurement of public participation in the storm water program. Community members are more likely to participate in City programs if they will adversely affect them. Citizens and business owners do call to discuss the storm water program and requirements after they have been issued a notice of violation or given a verbal warning.

**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: Adopt-A-Street Program**

**i. Measurable Goal**

PE-4A: *Promote the program to keep volunteer participation up through flyers and the City's web-site. (On-going)*

PE-4B: Trend the quantities of trash picked up by program volunteers.

**ii. Status of Measurable Goals**

The number of adopted streets increased from 18 to 22 volunteers as of the

end of Year 6. Several of the volunteers are large groups that take turns picking up trash on their assigned street. These groups include the Lions Club, Chapparel 4H, The Bridge Christian Church, Zurn Wilkens, and a neighborhood group, called the Walnuts. Interest in the program has increased this past year. Approximately 90 brochures were handed out in year 6. Brochures for the program are available in the lobby of the City Hall/Library and available on the City’s web site. It is unknown how many people download the information off of the City’s web site.

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 provides public recognition through street signage at adopted street location. This appears to be the motivation for certain volunteers enrolled in the program. Participants are required to pick up trash monthly on the assigned street or they are removed from the program. (See Table 6 below for a list of adopted streets and the number and weight of bags collected.) In the past, the City has had a hard time documenting the number and weight of the bags because the volunteers would not notify the City when they had picked up trash. This past year the Water Quality Specialist has worked closely with the volunteers to notify the City when the trash has been picked up.

A survey and the brochure, “Help Stop Storm Water Pollution!” were handed out to 12 new participants. Not one of the surveys was returned.

A total of 119 bags of trash and a variety of debris were collected weighing a collective 2,307 pounds. This is an increase in weight of 277.5% from the 2008-2009 reporting year.

***Table 5. Adopt-A-Street Trash Count***

	# of bags	Total weight
<b>2008-2009</b>		611 lbs
<b>2009-2010</b>	76	648 lbs
<b>2010-2011</b>	119	2,307 lbs

***iii. Effectiveness***

This BMP is highly effective at removing litter and debris dumped along the City streets and creeks that have active participants. 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 6. Adopted Sections of Roads***

<b>Road</b>	<b>From</b>	<b>To</b>	<b># of Bags</b>	<b>lbs.</b>
Niblick Road	Bridge	Creston		
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	9	118
South Vine Street	Cuerno Largo	Hwy 46 W.	5	77
Riverside Avenue	4th	13th	19	282
Riverside Avenue	13th	24th	6	126
Riverside Avenue	24th	end	4	76
Theatre Drive	Hwy 46 W.	City limit		
Golden Hill Road	Creston	Union	19	265
Rolling Hills Road	Creston	Golden Hill		
Union Road	N. River	Golden Hill	14	410
Union Road	Golden Hill	City limit	3	83
Experimental Station	Buena Vista	City limit		
Charolais Road	S. River	Creston	3	22
Creston Road	S. River	Rolling Hills		
Creston Road	Rolling Hills	Scott	2	25
Creston Road	Scott	City limit		
Linne Road	Creston	City Limits		
Spring Street	24th	36th	2	47
Spring Street	1st	12	1	8
21st Street	Riverside	Spring	4	70
Commerce Wy	Sherwood	Scott	7	189
River Oaks/Buena Vista	Hwy 46	River Rd	4	108
Trail/Bike Path	Nickerson	Mohawk	17	401
<b>TOTAL</b>			<b>119</b>	<b>2,308</b>

***BMP PP-5: Participate in County-wide Annual Creek Cleanup Day***

i. ***Measurable Goal***

*PP-5: The City will partner with NGOs to promote the County-wide annual creek cleanup events. (Ongoing)*



**ii. Status of Measurable Goal**

Creek clean up events 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 2, 2010. This was the 4th year that the City planned this event. The City is on the Creek Day Committee which consists of members from Templeton, County of SLO, Cal Poly, Atascadero Mutual Water District, Salmon Enhancement, and the Land Conservancy. Besides the advertising that the committee does in the tribune and on the radio, the City sent out utility bill inserts.

The main event was held at Larry Moore Park which is adjacent to the Salinas River. The number of volunteers dropped from 165 to 72 this year. This could be due to extremely hot and humid weather that day and the fact the Girl Scouts and Brownies attended another event this day. A second meeting site for Boy Scout Troop #60 was set up at the East Highway 46 overpass. Additionally, volunteers were sent out to streets and parks in the City due to the absence of trash in the Salinas River bed. Volunteers removed tires, aluminum cans, water bottles, boxes of ammunition, bicycles, and filled almost half of a 40 yard dumpster and half of a 3 yard dumpster with recyclables.

**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 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 on the Creek Day Committee and promote County-wide Creek Day. Creek Day will be combined with Coastal Cleanup Day in order to get more volunteers to help cleanup the inland areas.

**BMP PP-6: Storm Drain Marking Maintenance**

**i. Measurable Goal**

PP-6A: Develop a program that includes public component to report unmarked storm drains In the City. (Years 7-10)

PP-6B: Ensure drain inlets are marked per the City Standards by the developer or contractor. (Ongoing)

**ii. Status of Measurable Goals**

PP-6A: This BMP is not required to be implemented during until the next reporting year.

PP-6B: There have not been any new public drain inlets built during this reporting year.

**iii. Effectiveness**

The effectiveness of the BMPs cannot be rated this reporting year.

**iv. Proposed Modifications**

This BMP will be changed to read “publicly owned” storm drains. The City does not have authority to mark privately owned storm drains.

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

Staff will respond to all notifications of unmarked storm drains.

**Table 7. 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>	Comply with public notice requirements	PP-1: Follow public notice requirements to ensure compliance including providing legal notice for all ordinance, zoning, and City standards and other applicable documents or funding related to the storm water program.	Yes	Yes			X		
<b>PP2</b>	Partner with other municipalities, Non-Governmental Organizations, and other stakeholders groups.	PP-2A: Attend a majority of the Central Coast Partners for Water Quality meetings whose goal is to work together to raise awareness to water quality issues.	Yes	Yes	X		X		
		PP-2B: Participate in the San Luis Obispo County-wide Hydromodification Technical Advisory Committee.	Yes	Yes	X		X		
<b>PP3</b>	Provide the public opportunities to comment on the City's SWMP.	PP- 3A: Post the SWMP and annual reports on the City's web site.	Yes	Yes			X		
		PP-3B: Provide a method on the storm water web site to comment on the City's storm water program.	Yes	Yes				X	
<b>PP4</b>	Adopt-A-Street Program	PP-4A: Promote the program to keep volunteer participation up through flyers and the City's web site.	Yes	Yes	X		X		
		PP-4B: Trend the quantities of trash picked up by program volunteers.	Yes	Yes			X		
<b>PP5</b>	Participate in the County-wide annual Creek Cleanup Day.	PP-5: The City will partner with NGOs to promote the County-wide annual creek cleanup day events.	Yes	Yes			X		
<b>PP6</b>	Storm drain marking maintenance	PP-6A: Develop a program that includes public component to report unmarked storm drains to the City.	NA						X
		PP-6B: Ensure drain inlets are marked per the City Standards by the developer or contractor.	NA						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 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: Maintain and Update Storm Drain Map***

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

*ID-1: Work with the GIS staff to continuously upgrade the storm water map. (Ongoing)*

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

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 was transferred to the City's GPS Analyst to revise and upgrade the current storm drain map. Unfortunately, due to limited staffing, the updates have not been made in the system. The City is now considering incorporating the storm water system data into a new software program, Inframap. This software is currently used by the Water and Wastewater Departments. However an additional license is approximately \$50,000 and the City does not currently have the funding or the staffing to populate the data base.

#### ***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 City will continue to use the current storm water system atlas.

### ***BMP ID-2: Adopt and Enforce the Storm Water Ordinance***

- i. ***Measurable Goals***

ID-2A: *Adopt the storm water ordinance in the summer of 2010. (Year 6)*

ID-2B: *The City will take enforcement actions when appropriate for illicit discharges prohibited in the storm water ordinance. (Ongoing)*

- ii. ***Status of Measurable Goals***

ID-2A: This goal was not accomplished due to political issues related to passing water and sewer rates.

ID-2B: Although the City does not have a separate ordinance for storm water, Section 14.08.030(B) in the Ordinance states that "It is unlawful to discharge to any waters of the state any sewage, industrial wastes or other polluted water, except where suitable treatment has been provided in accordance with the provisions of this Chapter." The City has used this section to cite the responsible party's of illicit discharges.

- iii. ***Effectiveness***

The effectiveness of a storm water ordinance cannot be rated since it has not been adopted. However enforcing the existing ordinance language that prohibits the discharge of sewage, industrial wastes, or other polluted waters has been effective and does change behaviors when a Notice of Violation is written for the illicit discharge. This is consistent with CASQA Level 2, Raising awareness and Level 3, Changing behavior.

- iv. ***Proposed Modifications***

None

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

The Wastewater Manager will try to get the Storm Water Ordinance taken to the City Council.

### ***BMP ID-3: Complaint Investigation and Response***

- i. ***Measurable Goal***

ID-3A: *Allow the public and City staff various methods of reporting illicit discharges such as the storm water information line, storm water web page, or the general phone number. (Ongoing)*

ID-3B: *Respond to complaints within 48 hours and if corrective action is needed a Notice of Violation will be issued to the responsible party. (Ongoing)*

**ii. Status of Measurable Goal**

The Water Quality Specialist responds to complaints during normal working hours within 48 hours. The responsible party is either given a verbal warning or Notice of Violation (NOV) depending on the situation and the severity of the illicit discharge. NOVs can either be written in the field or in a letter format. Recalcitrant violators receive a NOV in a letter form. Certain types of complaints are referred to other agencies that have the authority to correct a problem such as environmental impacts to waterways will be referred to the Department of Fish and Game.

The responsible party is required to cleanup discharges that involve a pollutant such as saw cut slurry, dirt tracked off of a construction site, or grease washed out of a dumpster enclosure at a food facility. The Water Quality Specialist follows up on all such complaints to ensure that the cleanup was completed.

ID-3A: During this reporting year the public reported storm water complaints using the web site (1) and the general public works phone line (4). City staff reported or observed 12 storm water concerns.

No complaints or concern regarding storm water pollution were received on the storm water information line. The few calls that the City receives on this line are for phone numbers for other agencies or where to pay utility bills.

ID-3B: The City responded to the 17 reports that were received. Nine of the 17 received Notices of Violation and 8 received verbal warnings. Two sites had recalcitrant violations including Zoeller Wine Styling had repeated violations for discharges from crushing and bottling grapes. The Notices of Violation issued to this business were included in a legal action that the City had against this business. This business is no longer operating.

Another complaint received involved a private resident filling in a waterway. After confirming that the waterway had been negatively impacted, this complaint was turned over to the Department of Fish and Game for mitigation and legal action.

**iii. Effectiveness**

With the exception of Zoeller Wine Styling, most businesses and residents responded to the verbal warning or Notices of Violation. The level of compliance that the City gets from responding to complaints ranges from CASQA Level 2 – Raising Awareness up to 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 Storm Water staff will continue to respond to storm water concerns reported by the public or City staff.

**BMP ID-4: Illicit Connections Between the City's Collection System and Storm Drains.**

**i. Measurable Goal**

*ID-4: Investigate suspected illicit connections between the City sewer and storm drains located during CCTV or industrial Waste inspections. Require all such connections removed. (Ongoing)*

**ii. Status of Measurable Goals**

The City's Wastewater Collection crews routinely use a video camera to inspect the sewer system to determine the condition of the pipelines. If staff suspect that an illicit connection has been made to the sewer system it will be investigated. If an actual illicit connection is found, the property owner is required to remove the illicit connection and repair the sewer pipe. No illicit connections between the storm drains and City sewer system were discovered during this reporting year.

**iii. Effectiveness**

This is an effective BMP when connections are discovered. However it is not rated this reporting year since no illicit connections were discovered.

**iv. Proposed Modifications**

No modifications are proposed.

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

The Wastewater Collections staff will continue to require any illicit connection between the sewer and storm water to be disconnected.

**BMP ID-5: Sanitary Sewer Discharges due to Grease Blockages**

**i. Measurable Goal**

*ID-5A: Conduct FOG and storm water inspections at food facilities enrolled in the industrial waste program to ensure FOG is being properly handled. (Ongoing)*

*ID-5B: Conduct a residential public education campaign in various neighborhoods on the effects of pouring FOG down the drain to reduce the number of sewage spills caused by grease blockages. (Years 7 & 9)*

**ii. Status of Measurable Goal**

*ID-5A:* The City conducted 142 FOG and storm water inspections at food facilities. During the inspections the outside storage areas around the dumpsters and grease storage areas are inspected and the owners or staff are asked about the cleaning procedures for mats, kitchen equipment, and outdoor surfaces. Three brochures/fact sheets are handed out during the inspections: FOG, Storm Water and Your Restaurant, Disposable Cleaning Products, and Storm Water and Your Business. The City's Water Quality Specialist follows-up on all storm water violations.

Additionally, the Water Quality Specialist reviews plans for new or tenant improvements at food facilities to ensure that proper FOG devices are installed and such features as mop sinks are installed in new establishments.

ID-5B: This BMP is not required to be implemented until Year 7.

**iii. Effectiveness**

Conducting storm water inspections at food facilities is important since many facilities store grease and oil outside, routinely clean mats and kitchen equipment outside and wash down outdoor surfaces. Many food facilities have a high turn-over rate therefore annual inspections are used to educate new staff and remind existing owners and managers about storm water requirements. Inspections at food facilities raises awareness (Level 2), has changed behaviors of many staff at the food facilities, (Level 3) and therefore meets 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 City will continue to inspect food establishments for FOG and storm water and will begin a “Can the Grease Campaign” in the summer of 2011 with the Paso Robles Youth Development and Enrichment (Pryde) Program. A new brochure about FOG from residences that is has both English and Spanish will be handed out with the lids for the “Can the Grease Campaign”.

**BMP ID-6: Business and Industrial Inspections**

**i. Measurable Goal**

ID-6: Conduct storm water inspections at businesses and industrial facilities that are enrolled in the Industrial Waste Program. Industries that are federally regulated for pretreatment will be the first priority due to their potential to impact the storm drain system. (Years 9 & 10)

**ii. Status of Measurable Goal**

This BMP is not required to be implemented until Years 9 and 10.

**iii. Effectiveness**

This BMP cannot be evaluated since it has not been implemented.

**iv. Proposed Modifications**

No modifications are proposed.

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

None.

**BMP ID-7: Outfall Inspections**

**i. Measurable Goal**

ID-7A: *Inspect targeted outfalls prior to the beginning of the wet season to determine if there have been illicit discharges or dry weather flows exist. (Ongoing)*

ID-7B: *Investigate illicit discharges and dry weather flows to locate the source and determine if corrective action is required. (Ongoing)*

**ii. Status of Measurable Goals**

ID-7A: 15 outfalls were inspected in December of 2010 and June 2011. See Table 8 below for the list of outfalls. The most common issue observed was trash which is being addressed by the BMPs for Creek Day and Adopt-A-Street.

ID-4B: There was one illicit discharge of a white milky substance noted in December that could not be traced and a discharge of sediment from a construction site in June. The construction site received a Notice of Violation. Dry weather flows are investigated by both the Water Conservation and the Storm Water Programs.

**iii. Effectiveness**

Inspecting outfalls could help staff determine areas of town that have issues with illicit discharges. However, the inspection of outfalls has not been an effective method of locating illicit discharges. Trash is the most common problem observed which cannot usually be traced to a single outfall. Therefore this BMP is not effective and it 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.**

The City will inspect all target outfalls prior to the wet season next reporting year.

***Table 8. Targeted Outfalls***

<b>Outfall #</b>	<b>Location</b>	<b>Reason on List</b>
<b>1</b>	East of Highway 101, North of treatment plant	Significant Flow/Trash
<b>10</b>	N. Paso Robles St. & 101	Significant Flow
<b>12</b>	13th Street and Paso Robles St	Significant Flow
<b>13</b>	11th and Garden St	Significant Flow
<b>38</b>	Niblick and Salinas River	Significant Flow
<b>41</b>	Navajo and Rio Court	Trash
<b>44</b>	Bike Path (Behind JC Penny's)	Trash
<b>83</b>	Oxen and Brahma	Significant Flow
	Scott St. @ Commerce Wy.	Significant Flow
<b>106</b>	Cedarwood and Ebony	Trash
<b>107</b>	Cedarwood and Teak	Trash
<b>108</b>	Cedarwood and Beechwood	Trash
<b>109</b>	Cedarwood and Creston	Trash
<b>032</b>	End of Riverbank	Vegetation
<b>140</b>	Rambouillet and Moody Ct.	History of Flooding

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

BMP	Description	Measurable Goal	Status						
			Implemented	On Schedule	Exceeded	Modified	Effective	Not Effective	Unknown
ID1	Maintain and update storm drain map	ID-1: Work with the GIS staff to continuously upgrade the storm water map.	Yes	No					
ID2	Adopt and Enforce the Storm Water Ordinance.	ID-2A: Adopt the Storm Water Ordinance in the summer of 2010.	No	No					
		ID-2B: The City will take enforcement actions when appropriate for illicit discharges prohibited in the storm water ordinance.	Yes	Yes			X		
ID3	IDDE Complaint Investigation and Response	ID-3A: Allow the public and City staff various methods of reporting illicit discharges such as the storm water information line, storm water web page, or general phone number.	Yes	Yes			X		
		ID-3B: Respond to complaints within 48 hours and if corrective action is needed a Notice of Violation will be issued to the responsible party.	Yes	Yes			X		
ID4	Illicit connections between the City's collection system and storm drains.	ID-4: Investigate suspected illicit connections between the City sewer and storm drains located during CCTV or industrial waste inspections.	Yes	Yes			X		
ID5	Sanitary sewer discharges due to grease blockages.	ID-5A: Conduct FOG and storm water inspections at food facilities enrolled in the Industrial Waste Program to ensure Fats, Oils, and Grease are being properly handled.	Yes	Yes			X		
		ID 5B: Conduct a residential public education campaign in various neighborhoods on the effects of pouring FOG down the drain to reduce sewage spills caused by grease blockages	NA						
ID6	Business and industrial inspections	ID-6: Conduct storm water inspections at businesses and industrial facilities that are enrolled in the Industrial Waste Program.	NA						
ID7	Outfall inspections	ID-7A: Inspect targeted outfalls prior to the beginning of the wet season to determine if there have been illicit discharges or dry weather flows exist.	Yes	Yes				X	
		ID-7B: Investigate illicit discharges and dry weather flows to locate the source and determine if corrective action is required.	Yes	Yes				X	

## Construction Site Storm Water Control

### **BMP CS-1: Construction Site Inspections**

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

CS-1A: *Inspect all sites, regardless of size, with grading permits for compliance with erosion and sediment control requirements.*

CS-1B: *Inspect all construction sites, regardless of size, for compliance with the Water Quality Standards.*

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

Grading permit sites less than 1 acre in size must have and Erosion and Sediment Control Plan and are inspected to ensure that the proper BMPs are installed and maintained. The contractor is required to correct any violations noted. 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 be enrolled in the State Construction Permit program and prepare a Storm Water Pollution Prevention Plan (SWPPP). The Water Quality Specialist reviews all SWPPPs submitted to the City for compliance with the State General Construction Permit and the City's storm water requirements. SWPPPs found to be deficient must be revised. A pre-construction meeting is held with the general contractor to discuss the City requirements and implementation of the SWPPP. Sites are inspected during the grading and building phases for compliance with the SWPPP.

A detailed inspection report is completed for sites with SWPPPS. During the inspection all BMPs are assessed for proper installation, maintenance, and effectiveness. BMPs that have failed, need maintenance, or are not effective, are noted on the report and the contractor is required to make the corrections. The SWPPP is required to be modified if installed BMPs are not effective. In addition to formal site inspections described above, site surveys are done by driving by or walking through the sites. If a violation is noted the contractor will be notified in writing or phone. A Notice of Violation is issued if a violation is not corrected.

Table 10 is a list of construction sites used by the Water Quality Specialist to track the status and types of inspections.

CS-1A: The number of grading permits issued continued to drop from previous years. The Building Department issued 17 grading permits. Five of those permits were equal or greater than one acre. Four of the sites that were one acre or more were required to submit a SWPPP to the City. One site was issued a waiver from the State Water Resource Control Board. Sites under one acre of disturbance or those with waivers are required to have BMPs installed for erosion and sediment control.

**Table 10 Construction Sites**

WDID #	Status	Status Date	Project Name	Location	Owner	LRP/ REPRES.	Site Surveys	Inspection Report	NOV	Notes
3 40C356612	active	10/29/09	Paso Robles Oak Tree Inn	3002 Riverside Ave.	Paso Robles Oak Tree Inn LLC	Jack Lee & Frank Paola	6	1 – 9/20/10	NO	Risk Level 1-prior to 7/1/2010
3 40C358399	NOT on file	12/8/10	Slocoe 4 Relocatables	641 36 <sup>th</sup> St.	San Luis Obispo Co. Office of Education	Dave Keil	5	1 -11/23/10	NO	N.O.T. Filed
3 40C341302	active	5/15/06	Clayton Fill Site	Paso Robles Ave.	Frank Clayton	Frank Clayton & Dean Johe	7	2 –3/21/11	NO	Risk Level 1-prior to 7/1/10
3 40C359757	active	10/25/10	Harrington Dental Bldg.	263 S. Vine St.	Douglas Harrington	Ted Plemons	11	2 – 5/11/11	NO	Risk Level 2
3 40C332774	NOT on file	8/24/10	Cool Valley Tract	Meadow-lark Rd.	Mike Harrod	Ken Kenkows	13	2 –5/18/11	NO	N.O.T. Filed by owner –Project still on-going 5/25/11
3 40C356211	active	8/10/10	Speciality Silicone Fabricators	3077 Rollie Gates Dr.	Rollie Gates Investment Property	Adam Strauss	8	2 –5/23/11	NO	Risk Level 1-prior to 7/1/10
3 40C359452	active	8/30/10	Santa Cruz Bio-Tech	3600 Dry Creek Rd.	Santa Cruz Bio-Tech Inc.	Jeffery Pool/ Kirk Kennel	5	1-9/24/10	NO	Risk Level 2
3 40C354522	active	9/29/10	Oak Grove Tract 2676	Oak Grove Ct.	CS Nino Building Corp.	Steve Nino	15	1-10/18/10	NO	Risk Level 1-prior to 7/1/10
3 40C357371	active	2/18/10	Hidden Creek Apts.	80 Cary St.	Housing Authority of S.L.O.	Tim Aluisi/Mike Lord	9	3-2/7/10	YES	Risk Level 1-prior to 7/1/10
3 40C 342572		7/21/06	Hacienda Estates	2348 Golden Hill Rd.	Midland Pacific Homes		1			Risk Level 1-prior to 7/1/10

**Table 10 Construction Sites**

WDID #	Status	Status Date	Project Name	Location	Owner	LRP/ REPRES.	Site Surveys	Inspection Report	NOV	Notes
3 40C318061		5/16/02	Monte-bello Tract Phases 4 & 5.	P.R. Tract # 2369-3	Falling-star Homes		2			Risk Level. 1 prior to 7/1/10
3 40C358302	active	6/10/10	Cuesta College -Campus Learning Center.	2800 Buena Vista Dr.	S.L.O. Co. Comm. Col. Dist.		7			Risk Level
3 40W000270	active	4/12/11	P.R. Tract # 1022	Golden Hill Rd. & Rolling Hills Rd.	Ken Clouston Inc.	Tim Roberts	5		YES	Rain/Eros/ Waiver

**CS-1B:** As stated above the Water Quality Specialist inspects all construction sites regardless of size for storm water concerns. 108 inspections were conducted at 13 sites during Year 6. Of the 108 inspections, 15 were formal inspections in which an inspection form was completed and there were 96 surveys. All of the inspection reports noted that there were violations. Violations included inadequate SWPPP, BMPs not operating effectively, maintained or failed. One site received a written Notice of Violations for tracking sediment off site.

**iii. Effectiveness**

Construction sites are common sources of storm water pollution during the wet season. Inspecting sites for compliance with the ESC plans and SWPPPs eliminates construction site runoff which is a common source of pollutants. The fact that all of the storm water inspections conducted noted violations of some degree indicates that the inspection program is needed. The inspections raise the awareness of contractors about storm water issues and have changed the behavior of most of the contractors. Correctly installed and maintained BMPs reduces or eliminates polluted runoff from construction sites. This BMP is consistent with CASQA Level 4: Reducing Loads from Sources and Level 5: Improving Runoff Quality.

**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 inspect construction sites.

***BMP CS-2: Enforcement of the Construction Section of the Ordinance, Erosion and Sediment Control Plans, & Water Quality Standards.***

**i. Measurable Goal**

**CS-2:** *The City will take enforcement action when appropriate for illicit discharges in the storm water ordinance, violations related to storm water runoff, construction BMPs, or E&SC plans.*

**ii. Status of Measurable Goal**

The City issued one Notice of Violations to contractors in this reporting year for tracking sediment off site.

**iii. Effectiveness**

Taking enforcement action against contractors is an effective tool to make contractors aware that violations must be corrected.

**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 take appropriate enforcement action for illicit discharges from construction sites.

***BMP CS-3: Conduct an Education Program for Project Applicants, Developers, Contractors, and the Public on Storm Water Related Issues.***

***i. Measurable Goal***

CS-3A: *Develop education materials on storm water requirements at construction sites including water quality standards. (Years 1 & 3)*

CS-3B: *Distribute educational materials during on site inspections, with building permits if applicable, and place on the City's storm water web site. (Ongoing)*

CS-3C: *Develop and distribute information for the general public on storm water issues at construction sites. (Years 7-10)*

CS-3D: *Include the phone number for the storm water information line for the public to report construction site complaints. (Years 7-10)*

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

CS-3A: A letter regarding the installation of BMPs to control erosion and sediment discharge is sent out annually. The letter reminds open grading permit holders that construction site BMPs are required to be installed and maintained. The letter explains that there are six categories of BMPs suitable for controlling potential pollutants on construction sites:

- Soil Stabilization Practices;
- Sediment Control Practices;
- Tracking Control Practices;
- Wind Erosion Control;
- Non-Stormwater Controls; and
- Waste Management and Material Pollution Controls.

Examples of BMPs are given for each of the categories listed above. The letter was sent to 29 permit holders on October 10, 2010.

CS-3B: The new LID brochure was printed in May 2011 and handed out to five grading permit applicants.

CS-3C: This BMP is not to be implemented until year 7.

CS-3D: This BMP is not to be implemented until year 7.

***iii. Effectiveness***

Educating contractors on storm water requirements to prevent discharges from construction sites is a very effective method of improving runoff quality. Having the Water Quality Specialist meet with all contractors to discuss storm water issues on a regular basis in addition to the annual

letter is very effective at educating contractors and the subcontractors about storm water requirements. This BMP is consistent with CASQA Level 2: Raising Awareness and Level 3: Changing Behaviors.

**iv. Proposed Modifications**

No modifications are proposed.

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

The Water Quality Standards will be put into a format to be handed out. New brochures will continue to include the storm water information line.

**BMP CS-4: Erosion and Sediment Control Training for City Construction Site Inspectors.**

**i. Measurable Goal**

CS-4: Require building inspectors to receive a minimum of 2 hours of training on erosion and sediment control and storm water handling annually.

**ii. Status of Measurable Goal**

The Water Quality Specialist is now the only City staff person conducting storm water and erosion and sediment control inspections at construction sites. In previous years, all three building inspectors conducted storm water inspections while inspecting for other building requirements. One of the inspectors was transferred from the Building Department to Wastewater/Storm Water programs to fill the vacant Water Quality Specialist position as a cost savings measure for the general fund. The Water Quality Specialist then took over the responsibility of conducting storm water inspections at all sites. Therefore, the building inspectors no longer conduct storm water related inspections.

The Water Quality Specialist attended training this past year in order to be certified as a Certified Inspector of Sediment & Erosion Control (CISEC) and a Qualified SWPPP Practitioner (QSP). The following training was received:

- Certified Inspector of Sediment & Erosion Control: Training class and test at the annual CASQA Conference. (Certificate 0588.)
- QSP training sponsored by the County of San Luis Obispo (two days). (Certificate 00074.)

**iii. Effectiveness**

Properly trained staff is very important for any inspection program. The inspections at the construction sites are very detailed and require knowledge of the proper function, installation, and maintenance of the various BMPs as well as an understanding of the State Construction Permit. Therefore this BMP is consistent with CASQA Levels 1 through 5.

**iv. Proposed Modifications**

The building inspectors no longer conduct storm water inspections. These inspections are conducted by the Water Quality Specialist. Therefore this BMP will be modified to state that the Water Quality Specialist will receive 2 hours of training related to construction site water quality issues.

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

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: Revise the Grading and Erosion and Control Ordinances to Ensure All Construction Related Storm Water Measures Required by the General Permit are Included.**

**i. Measurable Goal**

*CS-5: Update and revise the grading and erosion and sediment ordinances to be consistent with the current General Permit, the City's storm water ordinance, and any applicable requirement of the Joint Effort for Hydromodification Criteria.*

**ii. Status of Measurable Goal**

The upgrades to the ordinances have not been started

In Year 2 a draft Grading Ordinance was developed using a template. However, the City's current grading ordinance is more comprehensive than the draft ordinance and includes requirements specific to the City. Therefore, the City will revise the current Grading Ordinance to reference the storm water ordinance Attachment 4 requirements, and the water quality section in the City's Standard Details and Specifications. Due to a heavy workload in other areas, the grading ordinance was not revised in Year 6.

**iii. Effectiveness**

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

**iv. Proposed Modifications**

None

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

The City will attempt to make revisions to the grading ordinance.

**Table 11. 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>	Construction Site Inspections	CS-1A: Inspect all sites, regardless of size, with grading permits for compliance with erosion and sediment control requirements.	Yes	Yes			X		
		CS-1B: Inspect all construction sites, regardless of size, for compliance with the Water Quality Standards.	Yes	Yes			X		
<b>CS2</b>	Enforcement of the construction section the Ordinance, Erosion and Sediment Control Plans.	CS-2: The City will take enforcement actions when appropriate for illicit discharges in the storm water ordinance, violations related to storm water runoff, construction BMPs, or E&SC plans.	Yes	Yes			X		
<b>CS3</b>	Conduct education program for project applicants, developers and contractors and the public for storm water related issues.	CS-3A: Develop education materials on storm water requirements at construction sites including water quality standards.	Yes	Yes			X		
		CS-3B: Distribute education materials during on site inspections, with building permits if applicable, and place on the City's storm water web site.	Yes	Yes					X
		CS-3C: Develop and distribute information for the general public on storm water issues at construction sites.	NA						
		CS-3D: Include the phone number for the storm water information line for the public to report construction site complaints.	NA						
<b>CS4</b>	Erosion and Sediment Control training for City construction site inspectors.	CS-4: Require building inspectors to receive a minimum of 2 hours of training on erosion and sediment control and storm water handling annually.	Yes	Yes		X	X		
<b>CS5</b>	Revise the grading and erosion and control ordinances to ensure all construction related storm water measures required by the General Permit are included.	CS-5A: Update and revise the grading and erosion and sediment ordinances to be consistent with the current permit, the City's storm water ordinance, and any applicable requirements of the Joint Effort for Hydromodification Criteria.	No	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 participate in the County-wide San Luis Obispo Hydromodification Technical Advisory Committee (TAC) which 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 this MCM were developed by the RWQCB and are requirements of the Joint Effort for the Development of Hydromodification Control Criteria. The BMPs are to be completed in a two year period which is broken into eight quarters. The progress for each quarter is reported to the RWQCB in quarterly reports.

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

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

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. (Quarters 2-8)*

PC-1B: *Establish a tracking mechanism/reporting system of post construction storm water controls installed (Quarter 9).*

PC-1C: *Provide appropriate education and outreach for applicable target audiences. (Quarter 2)*

PC-1D: *The City will develop a tracking report indicating the accomplishments in education and outreach. (Quarter 9)*

PC-1E: *The City will develop, advertise, and make available LID BMP design guidance suitable for all stakeholders (Quarter 4).*

PC-1F: *The City will develop specific guidance for development project applicants on how to achieve and demonstrate compliance with hydromodification control criteria and LID requirements (Quarter 8).*

#### ***iii. Status of Measurable Goals***

PC-1A: The City is implementing LID to all applicable new and redevelopment projects. The City is using the Interim LID Criteria developed by the TAC and outlined in a brochure, "Interim Low Impact Development Guidelines Handout" and the Handout on "LID for Stormwater Control: Interim Design Guidance for New and Redevelopment Projects."

All projects are being reviewed to determine if compliance with one of the three tiers is required. The following projects have either included LID and/or hydromodification requirements in the planning process or are existing projects that will be required to include them during the grading permit process per the Interim LID Requirements.

- Derby Wine Estates: The City has been working with Derby Wine Estates to

redevelop the Almond Growers Association Building at 525 Riverside Avenue into a wine processing facility.

The Planning Commission approved the planned development 10-002 On February 22, 2011. The Engineering Conditions of the resolution required that the “proposed Low Impact Development measures must be included in the site improvement design in accordance with the preliminary grading plan. This facility has applied for a rough grading permit to clear the lot, but the building plans have not been submitted.

- Paso Robles Wastewater Treatment Plant (WWTP) Upgrade: The City has just completed the design of the WWTP upgrade. The design includes stone recharge beds, pervious pavement, bio-swales and vegetated filter strips. This site will go out to bid in 2012.
- Equestrian Center: The City had a pre-application meeting and discussed LID and hydromodification requirements. This project is located off of Airport Rd and will include stables, arenas, wash racks and a parking lot. The project has not been submitted for development review at this time.
- Former Cameron Project: The City had a pre-application meeting with the new owners of this project for 26 condo units on South River Road. The LID and hydromodification requirements were discussed with the new owners.
- North County Christian Church: This facility had a phased planned development that was approved approximately 10 years ago. The original plan included paving a parking lot. The facility came back to the Planning Commission to amend their plan to add a preschool. The Planning Commission required the facility to pave the parking lot per the original approved plan. During the grading permit process the facility was required to include LID into the parking lot design and used permeable pavers to pave the alley.
- Hogue Grips: This is an industrial building that is being required to meet interim LID criteria through the grading permit process. The grading plans have been submitted and include an open retention basin. This facility is in Tier 2 of the Interim LID Criteria.
- Ferguson (Tract 3034) This project is an eight lot residential subdivision. This project will be required to meet the Interim LID Criteria under Tier 3 during the grading permit process.
- Habitat for Humanity (Tract 3036) This project consists of 5 residential units to be built on the north end of town. The project will be required to comply with Tier 3 in the Interim LID Criteria when a grading permit is applied for.
- La Quinta Hotel: This is an existing hotel that will be adding rooms. This is a multistory building and therefore has a small footprint. This project falls under Tier 2 of the Interim LID Criteria.
- Mini-Storage This is a commercial building greater than 100,000 square feet and will be required to comply with Tier 3 of Interim LID Criteria. These requirements will be included in the grading plans.

PC-1B: This BMP is not required to be implemented until quarter 9.

PC-1C: The City is working with the TAC to complete this BMP. The MS4s in San

Luis Obispo County feel that it is important to create consistency within the County of San Luis Obispo and in the Region 3 area when possible. Therefore, SLO County members of the TAC have developed interim LID criteria and a training program as a group.

The group determined the target audiences and is developing a training program that will introduce LID and hydromodification to the targeted audiences. The training will include a handout on the interim LID criteria and Power Point presentations on seven subjects related to LID and hydromodification. The Draft Power Point presentations for each of the subjects are attached.

The Applicable Target Audiences include:

- Real Estate Lenders
- Architects
- Developers
- Geotechs
- City Council Members
- Planning Commission members
- Building Inspectors
- Engineers
- Planners
- Fire Department
- Health Departments.

There are seven subjects that will be covered during the trainings:

- What are LID and hydromodification?
- Why are LID and hydromodification necessary and what are the benefits?
- Will hydromodification and LID affect public health and safety?
- What are hydromodification requirements and how are they incorporated into site planning and design?
- How does LID and hydromodification change the review process?
- How does LID and hydromodification change the inspection process?
- How does LID and hydromodification change maintenance and operations considerations?

Public Education Handout

The TAC developed a tri-fold brochure on the Interim Low Impact Development Guidelines for the training sessions and for the MS4s to handout to customers. The City has posted this handout on the storm water website and it is handed out with all grading permit applications. (Attached)

Additionally, a separate guideline for Tier 3 has been developed by the TAC. This guideline is being handed out to the applicable building applicants.

Training Schedule

The first training sessions were planned to be held in Quarter 3 to introduce the subject of LID and hydromodification to the target Audiences. However, the training did not take place yet. A second training is planned in Quarter 8 that will give more specific details when the hydromodification criteria is determined.

Additionally, On June 16, 2011, the City jointly hosted a Green Street Design Workshop with the Low Impact Development Initiative. The expert designers of the 21st Green Street project, SvR Design Company of Seattle Washington, gave a presentation on green street design principles and answered questions. The workshop was attended by 55 municipal representatives and engineering firms.

PC-1D: This BMP is not required to be implemented until Quarter 8.

PC-1E: The City has adopted three LID BMP Guidance documents. Links to these guidance documents are available on the storm water web site under post construction. Additionally, the City worked with the Center for Low Impact Development Initiative to develop a Technical Advisory Memo on Parking Lots. The City received the final version in June.

PC-1F: This BMP is not required to be implemented until Quarter 8.

**iii. Effectiveness**

PC-1A: 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 and the tributaries should be reduced. However, it is too soon to determine or document the reduction of environmental impacts since most of the projects being built were approved years ago prior to post construction standards. The City is currently at CASQA Level 1: Documenting if the program is being implemented. As the projects are built, the effectiveness level will increase.

PC-1C: The proposed training will cover subjects that will be valuable to all of the audiences chosen by the TAC. Working with the TAC to complete this BMP will create consistency throughout the County of San Luis Obispo. Currently, this BMP is consistent with CASQA Level 1: Documenting Activities.

PC-1E: The City adopted 3 LID Guidelines and links to these guidelines are on the web site. It is not possible to determine if this has had any effect on storm water quality. 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 City will require post-construction devices or LID to be installed on all new proposed projects per the interim criteria developed by the SLO TAC. Post-construction storm water controls will be inspected 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 will revise the CEQA Initial Study Checklist if necessary to ensure that hydromodification control is considered by the list or through other means, and to ensure that CEQA analyses are based on complete information including the types, sizes, and location of post construction BMPs. (Quarter 8)

**ii. Status of Measurable Goal**

This BMP is not required to implemented until Quarter 8

**iii. 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**

**ii. PC-3A:** *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)*

*PC-3B: Any necessary modifications and/or additions to codes, regulations, and standards will be approved or adopted. (Quarter 8)*

*PC-3C: 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 completed the code review and the following activities as reported in the second quarterly report.

- The City participated in the development of a comprehensive matrix for review of Ordinances, regulations, and engineering standard, and policies with the TAC. The City used this matrix for the code review.
- Code Update Training - City staff participated in the webcast on Regulatory Code Update Training put on by the LID Initiative, UC Davis and AHBL.
- Code Review - The City has completed the review of the City Ordinances (including the Zoning, water conservation, and flood control codes), City Standard Details and Specifications, the City's General Plan, the Bicycle Master Plan and Draft Specific plans for the Town Centre/Uptown and Olsen-Beechwood.

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

PC-3C: This BMP is not required to be completed until Quarter 9.

**iii. Effectiveness**

PC-3A: The City has completed BMP PC-3A, however, this BMP was a desktop exercise and therefore the effectiveness of this BMP is Level 1, Documenting activities.

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

PC-3C: This BMP is not required to be completed until Quarter 9.

**iv. Proposed Modifications**

None

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

None

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

**i. Measurable Goal**

PC-4A: Develop a form and a procedure for a self-certification program for post construction runoff controls on public and private property. (Quarter 4)

PC-4B: Implement the self-certification program. (Quarters 5-9)

**ii. Status of Measurable Goal**

PC-4A: This BMP is not required to be completed until Quarter 4.

PC-4B: This BMP is not required to be implemented until Quarters 5-9.

**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 develop a form and procedure for a self-certification program.

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

**i. Measurable Goal**

PC-5: Specific criteria for the City will be derived to control hydromodification in new development and redevelopment projects using Water Board-approved methodology developed through the Joint Effort. (Quarter 8)

**ii. Status of Measurable Goal**

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

**iii. 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-6: Applicability Thresholds**

**i. Measurable Goal**

*PC-6: Select applicability thresholds for applying Hydromodification Control Criteria to new and redevelopment projects. Applicability thresholds will be consistent with long-term watershed protection. (Quarter 8)*

**ii. Status of Measurable Goal**

This BMP is not required to be completed until Quarter 8. The City participated on the R3 Thinking Group which is an effort facilitated by the LID Initiative, UC Davis, and is intended to foster improved communication and problem-solving related to the Joint Effort agreement between the Regional Board and participating MS4s. The team selected the Joint Effort MS4 requirement of Applicability Thresholds as the initial topic. The MS4 and Regional Board individuals participating on the team represented their respective groups (i.e., Central Coast MS4s, and Regional Board).

**iii. 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.

**Table 12. 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 during the two-year period preceding adoption of hydromodification control criteria. (Quarter 2-9)	Yes	Yes			X		
		PC-1B: Establish a tracking mechanism/reporting system of post construction storm water controls installed. (Quarter 9)	NA						X
		PC-1C: Provide appropriate education and outreach for applicable target audiences. (Quarter 2)	Yes	Yes					X
		PC-1D: The City will develop a tracking system that reports the accomplishments in education and outreach. (Quarter 8)	NA						
		PC-1E: The City will develop, advertise and make available LID BMP Design Guidance suitable for all stakeholders. (Quarter 4)	Yes				X		
		PC-1F: The City will develop specific guidance for development project applicants on how to achieve and demonstrate compliance with hydromodification control criteria and LID requirements. (Quarter 8)	NA						
<b>PC2</b>	CEQA Initial Study Checklist	PC-2: The City will revise the Initial Study Checklist if necessary, to ensure that hydromodification control is considered by the list or through other means, and to ensure that CEQA analyses are based on complete information including the types, sizes, and location of post construction BMPs. (Quarter 8)	NA						
<b>PC3</b>	Enforcement Mechanisms	PC-3A: The City will review all applicable codes, regulations, standards, and/or specifications to identify modification and/or additions necessary to effectively implement hydromodification controls and LID. (Quarter 2)	Yes	Yes					X
		PC-3B: The City will approve or adopt any necessary modifications and/or standards. (Quarter 8)	NA						

**Table 12. 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>	
		PC-3C: The City will apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects. (Quarter 9)	NA							
<b>PC4</b>	Post-Construction Management	PC-4A: Develop a form to be used in a self-certification program for post-construction runoff controls on private and public property. (Quarter 4)	NA							
		PC-4B: Implement the self-certification program. (Quarters 5-9)	NA							
<b>PC5</b>	Hydromodification Control Criteria	PE-5: Specific criteria for the City will be derived to control hydromodification in new and redevelopment projects using Water Board approved methodology developed through the Joint effort. (Quarter 8)	NA							
<b>PC6</b>	Applicability Thresholds	PE-6: Select Applicability thresholds for applying Hydromodification Control Criteria to new and redevelopment projects. (Quarter 8)	NA							

## Pollution Prevention/Good Housekeeping for Municipal Operations

### **BMP GH-1: Facility and Maintenance Operations Inspections**

**i. Measurable Goal**

GH 1: Conduct annual pollution prevention inspections of all City facilities and two maintenance operations to determine if BMPs are employed to prevent storm water pollution and non-storm water discharges.

**ii. Status of Measurable Goal**

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 12 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 draining the Merryhill Water Reservoir so that repairs could be made. The second maintenance activity evaluated was the Water Department repairing a pipeline break.

**iii. Effectiveness**

No violations were observed or corrective actions were necessary during the observation of the water crews. The City is currently at CASQA Level 1: Documenting if the program is being implemented.

**iv. Proposed Modifications**

Prioritize City facilities based on the potential impact to storm water. Facilities with a low potential impact will be inspected every 5 years, medium potential will be inspected once every two years and those with a high potential to impact storm water will be inspected annually. The Paso Robles Airport and Landfill are enrolled in the State Industrial General Permit for Storm Water Discharges (IGP) and therefore not inspected under this BMP.

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

**Table 13. 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	Medium	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

**Table 13. Facility Inspections**

<i>Facility</i>	<i>Location</i>	<i>Deficiencies Noted</i>	<i>Potential Impact</i>	<i>Reason for Impact Rating</i>
				walkers. Variety of uses. After school use. Pool is closed.
4. City Hall/Library	Spring St.	No	Low	Offices
5. Fleet Maintenance/ Parks	Riverside Ave.	No	Medium	All hazardous waste stored indoors in garage. Materials & haz. waste storage areas.
6. Lawrence Moore Park	Riverbank Lane.	No	Low	Storm drains drain through park located on the east bank of the Salinas River.
7. Municipal Pool	28th St.	No	Low	Deck drains back toward pool and drains.
8. Oak Creek Park	Cedarwood Dr.	Yes	Medium	Storm drains empty into the creek that flows through the park. Park has a lot of trash.
9. Pioneer Park	Riverside Ave.	No	Low	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. Emergency Services	Park Street	No	Low	
17. Paso Robles Airport	Wing Way	No	Low	Facility enrolled in the IGP.
18. Paso Robles Landfill	Hwy. 46	No	Low	Facility enrolled in the IGP.
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-2: Development of a Municipal BMP Guidance Document***

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

GH-2: Develop a municipal BMP guidance document which will cover the maintenance activities of the streets, parks, building maintenance, and fleet maintenance departments using the CASQA manual as a guide.

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

This BMP is not required to be implemented until years 8 and 9.

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

This BMP cannot be rated since it has not been implemented.

### ***iv. Proposed Modifications***

None

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

None.

## ***BMP GH-3: City Staff Training***

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

GH-3A: Incorporate pollution prevention/good housekeeping BMPs into safety tail gate meetings at least every four meetings. (Ongoing)

GH-3B: Training Materials related to pollution prevention/good housekeeping will be developed using the CASQA Municipal Operations Manual. (Year 8)

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

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

Building Department: The City has two full time building inspectors that inspect primarily for building issues. (The Water Quality Specialist conducts storm water inspections at construction sites.) The building division meets twice a month. Storm water is discussed every other month during their routine meetings starting in September.

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

Water Department: The nine distribution staff discuss non-storm water discharges during monthly meetings. Water Department staff handle non-storm water discharges per the Low Threat Discharge permit 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.

In addition to the training provided by the individual departments, twenty-five City staff attended an Environmental Safety Class taught by the Joint Powers Insurance Authority. This class included a module on storm water requirements.

***Table 14. Storm Water Training***

Department Division	# of Staff
Police Department	2
Streets	2
Parks	2
Storm Water	2
Fleet Maintenance	2
Water	6
Wastewater	9
<b>Total</b>	<b>25</b>

Additionally, City staff with greater responsibilities in the storm water program such as the Water Quality Specialist, Industrial Waste Manager, and planners received additional training. The Water Quality Specialist, earned certifications as a Certified Inspector of Erosion and Sediment Control (CIESC) and Qualified SWPPP Practitioner (QSP). Additional training is listed in Table 14 below.

On June 16, 2011, the City jointly hosted a Green Street Design Workshop with the Low Impact Development Initiative. The expert designers of the 21<sup>st</sup> Green Street project, SvR Design Company of Seattle Washington, gave a presentation on green street design principles and answered questions. The workshop was attended by 55 municipal representatives and engineering firms including City staff.

The Wastewater Manager and Industrial Waste Manager also took part in the web cast “Using Social Media to Deliver Your Public Works Message” on December 2, 2010 put on by the American Public Works Association. This webcast discussed how to use social marketing sites such as Facebook, You Tube, and Twitter.

***iii. Effectiveness***

Discussing storm water on a regular basis at safety or department meetings gives staff a constant reminder about storm water issues. This is consistent with raising CASQA Level 2: raising awareness. The Water Quality Specialist earning certificates as a CIESC and QSP will result in changing the behaviors of contractors. (CASQA Level 3)

***iv. Proposed Modifications***

No modifications are proposed.

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

None

***Table 15. 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>• Using Social Media to Deliver Your Public Works Message</li> <li>• Code Update Training</li> </ul>
Michael Hendry	Water Quality Specialist (Storm Water Inspector)	<ul style="list-style-type: none"> <li>• Rethinking Stormwater: Creative Solutions to Complex problems (2010 CASQA Conference)</li> <li>• Training to become a Certified Inspector of Erosion and Sediment Control (Certificate 0588)</li> <li>• Training for Certification as a Qualified SWPPP Practitioner (Certificate # 00074)</li> </ul>
Matt Thompson	Wastewater Manager	<ul style="list-style-type: none"> <li>• Using Social Media to Deliver Your Public Works Message - Webinar</li> <li>• Complete Streets – Designing Streets to Accommodate All Users - Webinar</li> </ul>
Susan DeCarli	City Planner	<ul style="list-style-type: none"> <li>• Green Street Design Workshop</li> <li>• Complete Streets – Designing Streets to Accommodate All Users - Webinar</li> </ul>
Ditas Esperanza	CIP Engineer	<ul style="list-style-type: none"> <li>• Green Street Design Workshop</li> <li>• Training for Certification as a Qualified SWPPP Developer</li> <li>• Complete Streets – Designing Streets to Accommodate All Users - Webinar</li> </ul>
John Falkenstien	City Engineer	<ul style="list-style-type: none"> <li>• Green Street Design Workshop</li> <li>• Code Update Training</li> <li>• Complete Streets – Designing Streets to Accommodate All Users - Webinar</li> </ul>
Darren Nash	City Planner	<ul style="list-style-type: none"> <li>• Code Update Training</li> </ul>
Ed Gallagher		<ul style="list-style-type: none"> <li>• Complete Streets – Designing Streets to Accommodate All Users - Webinar</li> </ul>

**Table 16 . 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 and maintenance operations inspections	GH-1: Conduct annual pollution prevention inspections of all City facilities and two maintenance operations to determine if BMPs are employed to prevent storm water pollution and non-storm water discharges.	Yes	Yes			X		
<b>GH2</b>	Development of a Municipal BMP Guidance Document	GH-2: Develop a municipal BMP guidance document which will cover the maintenance activities of the streets, parks, building maintenance and fleet maintenance departments using the CASQA manual as a guide.	NA						
<b>GH3</b>	City staff training	GH-3A: Incorporate pollution prevention/good housekeeping BMPs into safety tail gate meetings at least every four meetings.	Yes	Yes			X		
		GH-3B: Training materials related to pollution prevention/good housekeeping will be developed using the CASQA Municipal Operations Manual to be handed out.	NA						

## 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."*

*Patti Gwathmey*

September 15, 2011

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Signature of Permittee (legally responsible person)

Date Signed

Patti Gwathmey

Industrial Waste Manager

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Name (printed)

Title