

**City of Paso Robles  
2012-2013 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, 2012 to June 30, 2013

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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 eight are in the revised SWMP dated September 17, 2012. This report focuses on the activities the City performed in Year eight 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

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 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 SWMP dated September 27, 2012, included these required BMPs. Progress made on these BMPs is reported to the RWQCB in this annual report as required in their September 20, 2012 letter regarding the adjustments to the schedule for completion of Joint Effort BMPs.

## ***City Response to the Regional Water Board Notice of Violation***

The RWQCB performed a Program Evaluation on the Municipal Storm Water Permit Program on June 2, 2011. On May 30, 2012 the City received a Notice of Violation (NOV) based on the results on the audit. On August 16, 2012 the RWQCB conducted a follow-up audit and sent a letter to the City dated November 13, 2012 stating that most of the violations and deficiencies had been corrected except for Violation #1 for failure to adopt a Storm Water Ordinance and Program Deficiency #9 for failure to develop a process and mechanism to ensure long-term maintenance of all post-construction Best Management Practices.

### **Violations**

1. **Failure to “develop adequate legal authority to implement and enforce the SWMP”.**

Required Action: The City must adopt a storm water ordinance that addresses the requirements

included in the General Permit section D and D.1 and Program BMP #ID 2.

City's Response: This violation has been corrected. The City adopted a storm water control ordinance. The first reading of the ordinance took place on June 18, 2013. The second reading occurred on July 2, 2013. Public notices occurred on June 14, 2013 and July 11, 2013. The ordinance became effective on August 1, 2013.

**9. The City does not ensure long-term maintenance of post-construction BMPs at all development projects.**

Required Action: To meet the MEP standard and ensure proper performance of post-construction BMPs, the City must develop a process and mechanism to ensure long-term maintenance of all post-construction BMPs.

City's Response:

The City has developed draft documents for the recording of private storm water conveyance management and maintenance system. It includes an annual inspection form to be completed by the owner of the post-construction BMP that will be required to be submitted to the City annually in a self-certification program. The City is working with the City Attorney to determine the legal process for implementing this BMP.

Ensuring that post-construction BMPs on private property in re-development will be difficult since the City has limited authority to enter private property to determine if post-construction BMPs maintained.

## 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: Develop and distribute additional educational materials on specific businesses such as auto shops, wineries, auto detailing, and heavy industry.	Ongoing	Yes
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.	Ongoing	Yes

<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><i>Public Participation and Involvement</i></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.	Completed	Yes
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.	Completed	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: Ensure drain inlets are marked per the City Standards by the City, developer or contractor.	Ongoing	No

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>	
			<i>Status</i>	<i>On Schedule</i>
<b><i>Illicit Discharge Detection and Elimination</i></b>				
<b>ID1</b>	Maintain and update storm drain map	ID-1: Work with the GIS staff to continuously upgrade the storm water map.	Ongoing	Yes
<b>ID2</b>	Adopt and Enforce the Storm Water Ordinance.	ID-2A: Adopt the Storm Water Ordinance in the summer of 2010.	Completed	Yes
		ID-2B: The City will take enforcement actions when appropriate for illicit discharges prohibited in the storm water ordinance.	Ongoing	Yes
<b>ID3</b>	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
<b>ID4</b>	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.	Completed	Yes
<b>ID5</b>	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.	Completed	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	Ongoing	Yes
<b>ID6</b>	Business and industrial inspections	ID-6: Conduct storm water inspections at businesses and industrial facilities that are enrolled in the Industrial Waste Program.	Completed	Yes
<b>ID7</b>	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
<b><i>Construction Site Storm Water Control</i></b>				
<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.	Ongoing	Yes
		CS-1B: Inspect all construction sites, regardless of size, for compliance with the Water Quality Standards.	Ongoing	Yes

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>	
			<i>Status</i>	<i>On Schedule</i>
<b>CS2</b>	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
<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.	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.	Not Completed	No
		CS-3D: Include the phone number for the storm water information line for the public to report construction site complaints.	Not Completed	No
<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.	Completed	Yes
<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.	In Process	Yes
<b>Post-Construction Storm Water Management</b>				
<b>PC1</b>	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.	Completed	Yes
		PC-1C: Provide appropriate education and outreach for applicable target audiences.	Completed	Yes

<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>	
			<i>Status</i>	<i>On Schedule</i>
		PC-1D: The City will develop a tracking system that reports the accomplishments in education and outreach.	Completed	Yes
		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.	Completed	Yes
<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)	Completed	Yes
<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.	Completed	Yes
		PC-3B: The City will approve or adopt any necessary modifications and/or standards. (Quarter 8)	In process	Yes
		PC-3C: The City will apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects. (Quarter 9)	Completed	Yes
<b>PC4</b>	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)	Completed	Yes
		PC-4B: Implement the self-certification program.	In process	Yes
<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)	Completed	Yes
<b>PC6</b>	Applicability Thresholds	PE-6: Select Applicability thresholds for applying Hydromodification Control Criteria to new and redevelopment projects. (Quarter 8)	Completed	Yes
<b><i>Pollution Prevention/Good Housekeeping for Municipal Operations</i></b>				
<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.	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.	Completed	Yes

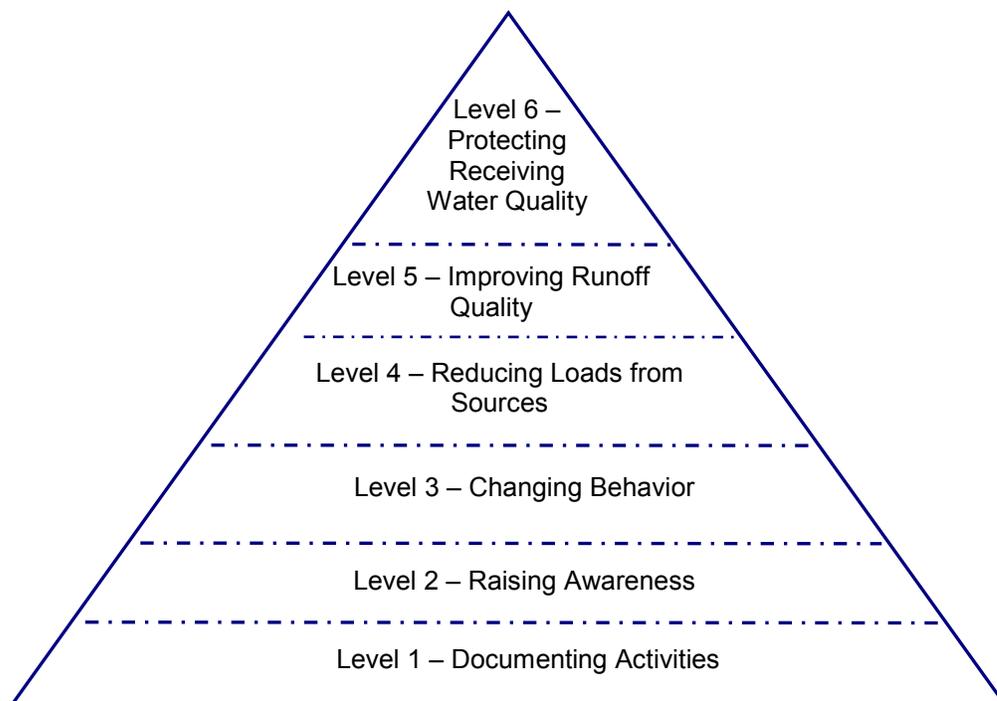
<i>BMP</i>	<i>Description</i>	<i>Measurable Goal</i>	<i>Status</i>	
			<i>Status</i>	<i>On Schedule</i>
<b>GH3</b>	City staff training	GH-3A: Incorporate pollution prevention/good housekeeping BMPs into safety tail gate meetings at least every four meetings.	Ongoing	Yes
		GH-3B: Training materials related to pollution prevention/good housekeeping will be developed using the CASQA Municipal Operations Manual to be handed out.	Not Completed	No
<b>GH4</b>	Implement a storm drain inspection and cleaning program for high priority Discharge Inlets (Dis) & other MS4 structures.	GH 4A: The Streets Department will identify inspect high priority DIs annually.	Completed	Yes
		GH 4B: The Wastewater Department will clean out any of the high priority DIs identified that have accumulated debris. DIs will be cleaned when they are 40% full	Completed	Yes
<b>GH5</b>	Track material collected during street sweeping and cleaning of Drain Inlets and other MS4 structures.	GH 5A: The Streets Department will track the amount of material collected from street sweeping.	Completed	Yes
		GH 5B: The wastewater Department will track the amount of material collected from cleaning DIs.	Completed	Yes

## 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 September 27, 2012.

## ***Public Education and Outreach***

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

- **Festival of the Arts.**  
The City of Paso Robles held the fourth annual Festival of the Arts on May 25, 2013 as part of the Salinas River Corridor Project. The event raises awareness of the environment in Paso Robles. The event features River-themed art and was attended by approximately 5000 people. An environmental area featured booths for visitors to learn about environmental efforts and issues, such as composting, water conservation. Sammy Steelhead also made two appearances in the children's area.
- **Healthy Garden and Home and Pollinators Workshops.**  
On June 22, 2013 the City and County of San Luis Obispo offered free workshops on Less Toxic Pest Control and Pollinators. Farm Supply Co. hosted the workshops. 11 people attended the workshops.
- **Composting Workshop**  
On October 13, 2012 the City and the County of San Luis Obispo held a workshop on composting, presented by Cristy Christie of the SLO County Worm Farm. The workshop was attended by 24 people.
- **Watershed Workshop**  
The City sponsored the Upper Salinas-Las Tablas Resource Conservation District's workshop on Getting to Know Your Watershed. The workshop was held in the field and was attended by 7 people.
- **Water Poster and Slogan Contest**  
The City sponsored a poster and slogan contest for 2<sup>nd</sup> through 6<sup>th</sup> grades for water conservation and storm water. The winning posters were displayed at the Festival of the Arts. The winning students each received a \$25 gift certificate to Michaels and their classrooms received a \$25 gift certificate to Office Max.

### ***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 and field trips that meet the California Academic Standards to 3rd through 7th grade on storm water, water conservation, and wastewater.

The storm water classroom presentation uses two interactive story boards designed by the contractor to help inform students of potential pollutants found in their homes and yards and how each student can prevent contamination of the local creeks, river, and the ocean.



The storm water field trip is designed to be taken as a follow-up to the classroom presentation. Students measure parameters such as water transparency, pH, and microscopic plant and animal life using microscopes and water testing materials. The location of the field trip is the pond at Barney Schwartz Park.

This past school year 18 classes received the storm water presentations (approximately 500 students). 14 Classes participated in the storm water field trip, 12 classes took a tour of the Wastewater Treatment Plant and 10 water conservation presentations were given. See Table 2 below for the type of the presentation, school, and the grade level.

Due to the construction at the wastewater plant, the field trips were discontinued in December 2012.

**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.**

The City will continue offering the water conservation and storm water classes.

<b>Table 2. Water Education Program</b>			
<b>City of Paso Robles</b>			
<b>2012-2013 School Year</b>			
<b>Date</b>	<b>School</b>	<b>Grade</b>	<b># of Classes</b>
<b>Storm Water Class Programs</b>			
2-4-13	Kermit King	3rd	3
2-22-13	Piefer	4th/5th	3
3-22-13	Speck	5th	3
5-6-13	Kermit King	5th	3
5-9-13	Pifer	3rd	3
5-16-13	Georgia Brown	5th	3
<b>Storm Water Field Trips</b>			
3-14-13	Piefer	4th/5th	1
3-15-13	Pifer	5th	2
4-22-13	Speck	5th	3
5-7-13	Kermit King	5th	2
5-8-13	Kermit King	5th	1
5-14-13	Pifer	3 <sup>rd</sup>	3
5-30-13	Georgia Brown	5 <sup>th</sup>	2
<b>Water Conservation Class Presentations</b>			
11-8-12	Kermit King	3rd	3
11-27-12	Kermit King	5th	3
2-1-13	Pifer	4th/5th	3
2-21-13	St. Rose	5th	1
<b>Wastewater Field Trips</b>			
10-29-12	Speck	5th	2
11-26-12	Kermit King	3rd	3
11-28-13	Kermit King	5th	2
12-13-13	Pifer	4th/5th	1
12-19-12	Kermit King	5th	1
5-31-12	Pifer	5th	3

**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 15 or 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 15 or 30 second television ads on at least one local TV channel, two times per year. (Ongoing)

**ii. Status of Measurable Goal**

The City contributed to having a new series of 3 PSAs made for TV and radio. This campaign focuses on pet waste, yard waste and over-watering. A web

landing page was also developed, [www.stopdirtywater.com](http://www.stopdirtywater.com) and has links to the ads on YouTube and the MS4s that contributed to the production of the ads.

PE-2A: During the Fall of 2012, 152 radio ads were played on three radio stations, reaching 202,400 individuals..

PE-2B: In the Fall of 2012, 16 TV ads were run on KSBY. These ads reached 316,000 individuals.

**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. This BMP is consistent with CASQA Level 3: Changing Behaviors.

**iv. Proposed Modifications**

None

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

Continue to contribute to the region-wide ad campaign.

**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 25 of these brochures were handed out.
- Pet Care Tips to Stop Storm Water Pollution - The city handed out 25 of these brochures at the Business Expo in April 2013 and the Charolais Trail opening on February 23, 2013.
- Sammy Steelhead Coloring books – Approximately 15 coloring books were

handed out at the Business Expo in April 2013.

- Dwayne the Storm Drain – This is a coloring/activity book that was modified for the City in April 2011. The City handed out about 5 of these books at the Business Expo in April 2013.

**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-4A: 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: 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. 132 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 10 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 sidewalks and parking lots. 20 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 and stormwater pollution prevention. It was handed out at 132 FOG inspections in Year 8.

PE-4B: The City developed a laminated flyer for automotive shops on stormwater pollution prevention. The flyer is designed to be posted on a bulletin board or wall. The flyer has not been distributed at this time.

### **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.

PE-4B: The flyers on stormwater pollution prevention for automotive shops has been developed, but not distributed. Therefore, the effectiveness cannot be rated at this time.

### **iv. Proposed Modifications**

None

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

The City will continue to hand out brochures and 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**

PE-5A: The City participates in the Our Water Our World program which offers information on less toxic pest management for the home and garden. Orchard Supply Hardware (OSH) which is located in the City and Farm Supply Co. which moved into the County the past year, 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 29% 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. Even though this store is no longer located within the City limits the City has maintained the shelf talkers and brochures.



PE-5B: In May 2012 the City sponsored the representative from OWOW to give training to employees at OSH. 5 employees received training.

#### **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 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**

None

#### **v. 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**

The City has been working with the Central Coast Partners for Water Quality to develop a regional CBSM program. The group has discussed strategies, topics and received two proposals.

**iii. Effectiveness**

This BMP cannot be rated at this time.

**iv. Proposed Modifications**

The City will implement a CBSM pilot project per the May 3 2013 letter from the RWQCB.

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

The City will be implementing a CBSM pilot project.

**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. Events such as Creek Day and storm water workshops are posted on the City web site. 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/stormwater> 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 1,098, up 282 hits from the previous year. The highest hits were the SWMP, SWMP Post-construction, and SWMP Public Education.

**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 and CASQA Level 3: Changing Behaviors due to the number of website "hits".

**iii. Proposed Modifications**

None.

**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. 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**

122 classes from Paso Robles schools took classes offered by the IWMA. Classes include Vermi composting, Paper–The TREEmendous Paper Tale, Introduction to Recycling, Zero Waste, 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**

City of Paso Robles 2011-2012 School Year				
Date	Program	School	Grade	# of Classes
9-7-12	Vermi composting	Georgia Brown	3rd	3
9-15-12	Recycle	Trinity Luthern	6 <sup>th</sup> -8th	2
9-14-12	Recycle	Georgia Brown	2nd	3
9-20-12	Field Trip	Trinity Luthern	6th	1
9-24-12	Recycle	Virginia Peterson	5th	2
9-25-12	Vermi composting	Georgia Brown	2nd	3
9-25-12	Recycle	Kermit King	K	2
10-2-12	Oil and Beyond	Georgia Brown	2nd	3
10-4-12	Zero Waste	Trinity Luthern	6 <sup>th</sup> -8th	2
10-9-12	Paper	Georgia Brown	2nd	2
10-9-12	Vermi Composting	Kermit	K	2
10-17-12	Recycle	Virginia Peterson	1st	3
10-18-12	Recycle	Speck	K	4
10-22-12	Recycle	Speck	3 <sup>rd</sup>	2
10-24-12	Oil and Beyond	Virginia Peterson	5th	2
10-30-12	Paper	Kermit king	K	2
11-1-12	Field Trip	Speck	3rd	1
11-8-12	Vermi composting	Pifer	4 <sup>th</sup> /5th	1
11-9-12	Vermi composting	Pifer	4 <sup>th</sup> /5th	4
11-15-12	Recycle	Pifer	4th	2
11-30-12	Vermi composting	Virginia Peterson	5th	2
12-6-12	Vermi composting	Speck	3rd	2
12-6-12	Recycle	Kermit King	3rd	3
12-17-12	Recycle	Georgia Brown	4-5	1

**Table 3. IWMA Education Classes**

<b>City of Paso Robles 2011-2012 School Year</b>				
<b>Date</b>	<b>Program</b>	<b>School</b>	<b>Grade</b>	<b># of Classes</b>
12-18-12	Field Trip	Kermit King	3rd	1
12-19-12	Field Trip	Pifer	4th	1
12-20-12	Field Trip	Kermit King	3rd	1
1-8-13	Recycle	Pat Butler	4th	2
1-11-13	Vermi Composting	Georgia Brown	4th/5th	1
1-11-13	Zero Waste	Kermit King	3rd	3
1-18-13	Paper	Georgia Brown	4-5	1
1-23-13	Recycle	Virginia Peterson	4th	2
1-31-13	Oil and Beyond	Georgia Brown	4th/5th	1
1-31-13	Paper	Virginia Peterson	5th	2
2-1-13	Zero Waste	Georgia Brown	4th/5th	1
2-5-13	Paper	Speck	K	4
2-6-13	Vermi Composting	Virginia Peterson	1st	3
2-12-13	Field trip	Virginia Peterson	3rd	1
2-12-13	Paper	Kermit King	3rd	3
2-21-13	Recycle	Pifer	3rd	3
2-25-13	Field Trip	Pifer	3rd	1
2-26-13	Field Trip	Pifer	3rd	1
3-1-13	Recycle	Georgia Brown	5th	2
3-6-13	Recycle	St. Rose	K	1
3-8-13	Vermi Composting	Georgia Brown	5th	2
3-12-13	Oil and Beyond	Kermit King	3rd	3
3-13-13	Vermi Composting	St. Rose	K	1
3-13-13	Vermi Composting	Virginia Peterson	4th	2
3-15-13	Paper	Georgia Brown	5th	2
3-28-13	Field Trip	Georgia Brown	4th/5th	1
3-29-13	Oil and Beyond	Georgia Brown	5th	1
4-10-13	Paper	Virginia Peterson	4th	2
4-12-13	Zero Waste	Georgia Brown	5 <sup>th</sup>	2
4-23-13	Recycle	Virginia Peterson	K	3
4-24-13	Zero Waste	Virginia Peterson	5th	2
5-1-13	Paper	Virginia Peterson	1st	3
5-15-13	Recycle	Pat Butler	K	2
5-23-13	Recycle	Pifer	2nd	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: Develop and distribute additional educational materials on specific businesses such as auto shops, wineries, auto detailing, and heavy industry.	<b>yes</b>	<b>Yes</b>					<b>X</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>Yes</b>	<b>Yes</b>				<b>X</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>		

## **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 followed the public notice requirements for the Storm Water Control Ordinance. The first reading was on June 18, 2013 and the second reading on July 2, 2013. Public notices occurred on June 14, 2013 and July 11, 2013. The first reading of the revised Grading Ordinance occurred on July 16, 2013 and the second reading will be heard on August 20, 2013.

**iii. Effectiveness**

The public notice for the first reading of the Storm Water Control Ordinance was effective. Three people attended the City Council meeting in order to comment on the ordinance.

**iv. Proposed Modifications**

None

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

None

### **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 monthly 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 and Caltrans. The group works together to provide consistent storm water messages and to share educational materials.

The City also serves on the Partners sub-committee with the City of San Luis Obispo, the County of San Luis Obispo, and Cal Poly to develop strategies, group projects, and to create documents to present to the group. The City also 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 was a member of the SLO TAC and currently attends the JERT meetings which include members from MS4s from the Counties of Santa Barbara, San Luis Obispo, and Monterey, engineering firms, and the development community. (Years 6-8)

**iii. Effectiveness**

PC-2A: The Central Coast Partners continues to be well attended and an effective means of working to develop consistent County-wide messages on the storm water program. The meetings have also been very effective in keeping the MS4s up to date on the Municipal Permit. 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 3, changing behaviors.

PC-2B: The SLO TAC was 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. This committee is no longer active. The JERT is led by the RWQCB to discuss issues related to the JE. (Level 4).

**iv. Proposed Modifications**

None

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

**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 432 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**

None.

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

**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 30 adopted Streets/areas to 35 in Year eight. At least 10 of the volunteers are large groups that take turns picking up trash on their assigned street. These groups include the Leos Club, Chaparral 4H, The Bridge Christian Church, Zurn Wilkens, PR Airport Association and a neighborhood group, called the Walnuts. Interest in the program continues to increase. Approximately 100 brochures were handed out in year 8. 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 continues 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. The Water Quality Specialist works closely with the volunteers to notify the City when the trash has been picked up however, some volunteers continue not notify the City.

The brochure, “Help Stop Storm Water Pollution!” were handed out to 5 new participants.

A total of 391 bags of trash and a variety of debris ranging from furniture, lumber, bicycles, and car parts were collected weighing a collective 7,103 pounds.

	<b># of bags</b>	<b>Total weight</b>
<b>2008-2009</b>		611 lbs
<b>2009-2010</b>	76	648 lbs
<b>2010-2011</b>	119	2,307 lbs
<b>2011-2012</b>	251	4,069 lbs
<b>2012-2013</b>	391	7,103 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 5: Improving Runoff Quality.

**iv. Proposed Modifications**

None.

**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	Appaloosa Dr.	Creston	34	642
Niblic Road	Bridge	Appaloosa	10	204
Airport Road	Hwy 46 E.	Dry Creek	48	836
Airport Road	Dry Creek	Tower	16	285
North River Road	13th	City limit	12	216
South River Road	Niblick	Charolais		
South Vine Street	1st	Cuerno Largo	15	379
South Vine Street	Cuerno Largo	Hwy 46 W.	3	51
Riverside Avenue	4th	13th	34	461
Riverside Avenue	13th	24th	9	122
Riverside Avenue	24th	end	5	151
Theatre Drive	Hwy 46 W.	City limit	24	282
Golden Hill Road	Creston	Union	9	215
Rolling Hills Road	Creston	Golden Hill	3	34
Union Road	N. River	Golden Hill	16	282
Union Road	Golden Hill	City limit	7	218
Experimental Station	Buena Vista	City limit		
Charolais Road	S. River	Creston		
Creston Road	S. River	Rolling Hills	13	98
Creston Road	Rolling Hills	Scott		
Creston Road	Scott	City limit		
Sherwood/Linne Road	Creston	City Limits	6	125
24 <sup>th</sup> Street	Vine	Ysabel	12	279
Spring Street	24th	36th	15	347
Spring Street	12 <sup>th</sup>	24th	2	13
Spring Street	1st	12th	2	22
21st Street	Riverside	Spring		
Park Street	34 <sup>th</sup>	36th	4	70
Commerce Wy	Sherwood	Scott	7	127
Black Oaks Drive	24 <sup>th</sup>	Riverside	24	560
Walnut Drive	Creston	Union	1	76
Navajo Ave River Trail	S. River Road	Cul de Sac	2	44
River Oaks/Buena Vista	Hwy 46	City Limits	3	40
Trail/Bike Path	Nickerson	Mohawk	12	240
Community Service	Designated Areas			
River Trail Pathway	Niblick Bridge	Larry Moore Prk	2	41
River Trail Pathway	13 <sup>th</sup> St. Bridge	Navajo	8	196
Centennial Park	Nickerson	Rear Pathway	3	19
Charolais Trail Pathway	S. River	Riverbank In		
Riverbank Trail	Niblick	Navajo	14	168

**Table 6. Adopted Sections of Roads**

Road	From	To	# of Bags	lbs.
Spring Street Parking Lot			15	275
Gahan Place (1X Cleanup)	Theater	Hwy 46	3	37
<b>TOTAL</b>			<b>393</b>	<b>7,155</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, September 15, 2012. The City also participates on the Creek Day Committee which consists of members from Templeton, City and County of SLO, Cal Poly, Atascadero Mutual Water District, and the Land Conservancy. Besides the advertising that the committee does in the *Tribune* and on the radio, the City handed out 150 postcards at the Business Expo, the Festival of the Arts and in the lobby of the library.

The main event was held at Larry Moore Park which is adjacent to the Salinas River. 205 volunteers participated this year. 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 large number of volunteers. Volunteers removed 8 tires, 14 shopping carts, and 2 bicycles.



**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 children from organizations such as the Boys and Girl Scouts. Observing the amount of trash removed from the Salinas River has the potential to create long term behavioral changes in children.

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

and Level 4: Reducing Loads from Sources.

**iv. Proposed Modifications**

None

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

The City will continue to participate on the Creek Day Committee and promote County-wide Creek Day.

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

**i. Measurable Goal**

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

**ii. Status of Measurable Goals**

PP-6A: 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**

None

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

Staff will continue to ensure that new drain inlets are marked.

**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		
<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: Ensure drain inlets are marked per the City Standards by the developer or contractor.	Yes	Yes					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 pickup 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***

A GPS layer for the storm drain system was completed in 2012 and is updated as needed.

#### ***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. When the map is used for preventing an illicit discharge from reaching a waterway is consistent with CASQA Level 4: Reducing Loads from Sources.

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

Update the GPS layer with the new information required in the new Phase II Permit.

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

### ***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.*

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: The Storm Water Control Ordinance was adopted on July 16, 2013.

ID-2B: The City previously enforced Section 14.08.030(B) of the City Ordinance which 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 newly adopted Ordinance will not have significant impact on enforcement.

**iii. Effectiveness**

Enforcement 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.**

**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. 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 City did not receive any storm water complaints using the web site. Five calls were received on the general public works phone line, the Water Quality Specialist observed 6 discharges and City staff from other departments reported 13 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 mostly for storm drain issues during rain events. These calls are referred to the Streets Department.

ID-3B: The City received 24 reports concerning storm water. Ten of the 24 received Notices of Violation and eight received verbal warnings, five were not discharge issues and one was a leaking water line.

**iii. Effectiveness**

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. The fact that City staff report the majority of illicit discharges shows that staff understand the concept of illicit discharges.

**iv. Proposed Modifications**

No modifications are proposed.

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

**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 BMP cannot be rated this reporting year since no illicit connections were discovered.

**iv. Proposed Modifications**

None

**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 115 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: The City had bilingual brochures printed on the proper disposal of FOG. The brochures are handed out with a plastic lid that has "Can the Grease" on it and directions for storing grease in a used can until it is full and then disposing of it to the trash. These brochures are also handed out during food facility inspections.

The City also gave out approximately 30 lids and FOG brochures at the Business Expo in April 2013.

Additionally, the Wastewater Department also had ads placed on the camera van and the two Vac-cons for proper disposal FOG.



**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.**

**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.**

**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.

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

**ii. Status of Measurable Goals**

ID-7A: 13 targeted outfalls were inspected October 2012. 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. In addition to the 13 targeted outfalls, 24 additional outfalls were inspected that had not been previously located. These outfalls were photographed and added into the Stormwater GIS layer.

ID-7B: None of the outfalls inspected showed signs of illegal discharges. Dry weather flows were observed in 6 of the 13 targeted outfalls. Three of the flows are known springs from under Highway 101. The other flows could not be traced to the source.

**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**

None

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

**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>032</b>	End of Riverbank	Vegetation
<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>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
<b>ID1</b>	Maintain and update storm drain map	ID-1: Work with the GIS staff to continuously upgrade the storm water map.	Yes	Yes			X		
<b>ID2</b>	Adopt and Enforce the Storm Water Ordinance.	ID-2A: Adopt the Storm Water Ordinance in the summer of 2010.	Yes	Yes			X		
		ID-2B: The City will take enforcement actions when appropriate for illicit discharges prohibited in the storm water ordinance.	Yes	Yes			X		
<b>ID3</b>	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		
<b>ID4</b>	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		
<b>ID5</b>	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	Yes	Yes			X		
<b>ID6</b>	Business and industrial inspections	ID-6: Conduct storm water inspections at businesses and industrial facilities that are enrolled in the Industrial Waste Program.	NA						
<b>ID7</b>	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 active construction sites inspected by the Water Quality Specialist during Year 8.

CS-1A: The number of grading permits issued continued to drop from previous years. Engineering 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. Three of the sites were issued waivers 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.

There were 17 active sites during year 8. 365 site surveys/inspections were conducted at these 17 sites. Of the 365 inspections, 32 were formal

inspections in which an inspection form was completed. All of the inspection reports noted if there were violations. Violations included inadequate SWPPP, BMPs not operating effectively, maintained or failed. Four sites received a verbal Notice of Violations for tracking sediment off site.

CS-1B: All 17 sites were inspected to ensure compliance with the Erosion and Sediment Control requirements.

**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.

**Table 10. Active Construction Sites (Year 8)**

WDID #	Status Date	Project Name	Location	Owner	LRP/ REPRES.	Site Visits	Inspection Report	NOV
<b>Sites Greater than 1 Acre</b>								
3 40C365508	1/29/13	Mid Valley Pipe & Steel	2925 Union Rd	Tri-T Properties	Ron Alves	38	2 1/13/13	No
3 40C341302	5/15/06	Clayton Fill Site	Paso Robles Ave.	Frank Clayton	Frank Clayton & Kenneth Romero	36	3 10/3/11	No
3 40C364998	11/9/12	IQMS	2231 Wisteria	IQMS	Liz Alfen/Dave Harbeson	23	2 1/17/12	No
3 40C365629	2/8/13	Oak Park Community	2900 Block of Pine St.	Monterey Housing Authority Development	Starla Warren/ Craig Coons	18	1 2/28/13	No
3 40C365604	2/6/13	AMC Machining	410 Sherwood Rd.	AMC Machining	Alex Camp/Ken Kenkowski	16	1 3/19/13	No
3 40W000270	4/12/11	P.R. Tract # 1022	Golden Hill Rd. & Rolling Hills Rd.	Ken Clouston Inc.	Tim Roberts	5	1 1/23/12	Yes
3 40C362272	10/25/11	Justin Winery	2295 Wisteria Lane	Justin Winery/Roll Services	Mark Harper	19	1 1/23/12	Yes
3 40C362844	1/20/12	Montebello Tract #2369	30 lots	Wathen Castanos	Miguel Correa	15	1 7/9/12	Yes
3 40C363737	5/29/12	Vina Robles Winery	3700 Mill Rd.	Vina Robles Inc.	Hans Michel	5	1 6/27/12	No
3 40C356612	10/29/12	Paso Robles Oak Tree Inn	3002 Riverside Ave	Paso Robles Oak Tree Inn	Jack Lee/Frank Paola	23	3 10 /16/12	No
3 40C363049	2/21/12	Paso Robles Swim & Tennis Club	2975 Union Rd.	Paso Robles Swim & Tennis Club	Gordon McKay/Sarah Dobroth	37	3 1/10/2013	No

**Table 10. Active Construction Sites (Year 8)**

WDID #	Status Date	Project Name	Location	Owner	LRP/ REPRES.	Site Visits	Inspection Report	NOV
3 40W000472	2/21/12	Discount Tire Store	2441 Golden Hill Rd	Discount Tire Co.	Harpo/Dan Wainwright	26	3 12/7/2012	Yes
3 40W000687	11/15/2012	Applied Technologies	3003 Rollie Gates Dr.	Applied Tech	Ken Butts/Dave Pleva	12	2 10/4/2012	No
3 40C362997	2/13/12	Santa Cruz Biotech Bldg D	3600 Dry Creek Rd	Santa Cruz Biotechnologies	Lew McDaniel/Matt Mullin	33	4 7/26/2013	No
<b>Sites Under 1 Acre</b>								
NA	9/26/2012	Santa Cruz Biotech Bldg C	3600 Dry Creek Rd	Santa Cruz Biotechnologies	Lew McDaniel	23	2 7/26/2013	No
NA	11/3/2011	Seven Oaks Estates	1900 block Experimental Station Rd.	Timberline Construction	Chris Jones/Tim Roberts	13	1 3/11/2013	Yes
NA	3/29/12	Derby Winery	525 Riverside Ave.	DWE Holdings LLC	Mike Anderson	23	1 3/1/13	No

***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 4 verbal Notice of Violations for runoff from construction sites.

***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.***

***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 to site owners and contractors. 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 17 site owners and 19 contractors on October 10, 2012.

CS-3B: The new LID brochure was printed in May 2011 and handed out to all 17 grading permit applicants.

CS-3C: This BMP was not completed.

CS-3D: This BMP was not completed.

**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.**

New brochures will continue to include the storm water information line.

***BMP CS-4: Erosion and Sediment Control Training for Stormwater Construction Inspector.***

**i. Measurable Goal**

CS-4: *Require Water Quality Specialist 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 the only City staff person conducting storm water and erosion and sediment control inspections at construction sites. The Water Quality Specialist is certified as a Certified Inspector of Sediment & Erosion Control (CISEC), Certificate 0588 and a Qualified SWPPP Practitioner (QSP), Certificate 00074.). He attended the 4 hour Erosion and Sediment Control Certification Course put on by the Resource Conservation District on January 29, 2013 and a 7 hour course on Stormwater Quality Workshop on monitoring on July 18, 2013.

**iii. Effectiveness**

A properly trained construction inspector 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**

None

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

The Water Quality Specialist will continue to attend training specific to storm water construction topics.

**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 City revised the Grading Ordinance to be consistent with the new Phase II Permit and the Central Coast Post Construction Requirements. The first reading of the ordinance was done on the July 16, 2013 City Council Meeting. The second reading was on August 20, 2013. The ordinance will become effective on September 20, 2013.

**iii. Effectiveness**

The effectiveness of the ordinance cannot be assessed at this time.

**iv. Proposed Modifications**

None

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

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

BMP	Description	Measurable Goal	Status						
			Implemented	On Schedule	Exceeded	Modified	Effective	Not Effective	Unknown
CS1	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		
CS2	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		
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.	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.	No	No					
		CS-3D: Include the phone number for the storm water information line for the public to report construction site complaints.	No	No					
CS4	Erosion and Sediment Control training for City's Water Quality Specialist.	CS-4: Require the Water Quality Specialist to receive a minimum of 2 hours of training on erosion and sediment control and storm water handling annually.	Yes	Yes			X		
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.	Yes	Yes					X

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

During the past year the City has focused on revising City documents to be consistent with the Post Construction Requirements (PCRs) adopted by the RWQCB.

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 were originally required to be completed in a two year period which was broken into eight quarters. However, this timeline was adjusted with the extension of time granted by the RWQCB for the implementation of the PCRs

### **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 requiring all land development applicants are given conditions of approval to submit a Storm Water Control Plan and to comply with the interim post construction requirements. The City was using the Interim LID Criteria developed by the TAC and outlined in the brochure, "Interim Low Impact Development Guidelines Handout", however applicants are now required to have onsite retention of the 85<sup>th</sup> percentile storm.

- Oxford Hotel: The developers are having preliminary meetings with the City as part of a feasibility study to determine if they want to purchase the property to build a 146 room hotel at 4<sup>th</sup> and Pine.
- Justin Winery (Bldg 3): This is for a 66,000 square foot building for barrel storage. This will be built on the existing site. This was approved on February 25, 2013 by the Planning Commission.
- Lubrizol: Plans have been submitted for a 26, 602 square foot building. This building was approved prior to the interim LID criteria coming into effect.

However the site includes an underground retention and infiltration for part of the runoff.

- Paso Robles Swim and Tennis Club: On August 27, 2013 the Planning Commission approved the expansion of the existing facility to include a 15,000 – 16,000 square foot fitness room, locker room, offices and batting cages. This facility has an approval condition to comply with interim LID criteria.
- Uptown Center (Tract 3047): The project fronts on Spring Street, 34th Street and Pine Street and is a 2 acres, mixed use project including 28 single family homes, 14 condominiums, and 20,500 square feet of commercial space.
- Auto Zone: This project is located on Niblick Road and currently has an incomplete application. A storm water study has been requested for this site.
- Buena Vista Apartments: The 142 apartment units located at 802 Experimental Station Rd. on 12.2 acres were approved by City Council 6-4-13. This project is subject to the following condition: “Low impact development best management practices as outlined in the project submittals shall be incorporated into the project grading plans and shall meet design criteria adopted by the City in effect at the time of development of the project.” Working drawings are in production now. The consultant has been directed towards regulations adopted 7-12-13. A storm water control plan will be submitted. Because we are still in the interim period, retention based on 85th percentile storm will be accepted.
- Tract 2919, Vernon : Tract 2919 is a subdivision of one acre into 14 lots on the north end of Vine and Oak Streets. The project was approved by Planning Commission on February 25, 2013. This project is subject to the following condition: “Low impact development best management practices as outlined in the project submittals shall be incorporated into the project submittals.” Project submittals include permeable pavers and underground detention. No progress on construction drawings to date.
- Firestone Brewery: Building expansion and parking lot were approved by Planning Commission November 13, 2012. The building expansion on Vendels Circle replaces impervious surfaces (an abandoned parking area). The parking lot on Ramada Drive includes the demolition of a concrete storm drain channel. The channel was replaced by underground perforated storm drain pipe imbedded in filter rock. The surface parking includes LID features.
- Ayers Hotel: The Ayres Hotel comprises 225 rooms in two phases on a 20 acre site. It was approved by the City Council on July 17, 2012, subject to the condition: “Low impact development best management practices as outlined in the project submittals shall be incorporated into the project grading plans and shall meet design criteria adopted by the City in effect at the time of development of the project.” Grading for the project commenced in April. Design features include reduction of impervious surfaces; minimize concentrated flows, run-off directed to vegetated areas, retention basins designed to retain the 85th percentile storm.

- Vina Robles: The Vina Robles Amphitheatre on Mill Road seats 3,300 and includes ancillary buildings. The site is approximately 14 acres. The project was approved by the Planning Commission on August 9, 2011. The project opened for business in June 2013. The parking area for the project is completely pervious. It is an irrigated grass surface. The theatre area drains to a retention basin.
- IQMS: IQMS is building their second office building on Wisteria Lane. The project was approved by the Planning Commission on April 24, 2012. The project features bio-swales servicing parking areas and underground storm water retention.
- Mid Valley Steel: This project was This 33,000 square foot office building on a 4.5 acre site on Union Road was approved by the Planning Commission on April 10, 2012. The project is currently under construction. All storm water runoff is discharged to impervious surfaces and retained on site.
- Golden Oaks Villas: The Golden Oaks Villas at 845 Creston Road is a five-unit apartment complex on a one-acre site divided into two buildings. The project was approved by the Planning Commission on March 20, 2012. All storm water run-off drains over landscape areas and into an underground retention basin.
- Highlands Church: This project has been completed. The construction of a new 7,000 square foot sanctuary at the existing church site was approved on March 12, 2012 by the Development Review Committee (DRC) the. There was an existing multi-purpose building, parking lot and drainage facilities that accommodated the new building.
- Santa Cruz Biotech: This project has been completed. It was approved by the DRC on January 23, 2012 and included a new 25,000 square foot building that was built on the existing 25 acre property. The site has existing drainage and detention facilities.
- Applied Technologies: Construction has been completed on this 21,000 square foot light industrial and warehouse building. A retention basin was installed to retain storm water on site.
- Justin Winery (Bldg 2): This 86,000 square foot wine production facility was approved by the Planning Commission on September 27, 2011 and opened for business in August, 2012. The project features a vegetated swale and infiltration basin designed in accordance with CASQA guidelines.
- Ferguson (Tract 3034): Tract 3034 is subdivision of one acre into eight single family residential home sites. The project was approved by the Planning Commission on June 14, 2011. The development was completed in December, 2012. The project includes a center landscape storm water quality feature.
- 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.
- Paso Robles Recreational Vehicle Resort This project was approved by the Planning Commission on January 10, 2012. It was appealed by neighbors and went to the City Council for consideration. The City Council approved the

project. The proposed project includes 332 RV spaces on the 73 acre site. The plans show that 50 acres will be disturbed and includes LID features. This site is located at the end of Golden Hill Rd. At this time no permits have been approved, the property is for sale, and there is no current activity.

- Paso Robles Horse Park: This project was approved by the Planning Commission on January 24, 2012. The Paso Robles Horse Park is located on 67 acres west of Airport Road. The plans include parking, rv spaces, office building, maintenance facilities and stables. All parking, access drives, rv spaces will be constructed with decomposed granite and/or materials that have some degree of storm run-off retention capability. All developed surfaces will drain to open field areas. Concentrated run-off will not be discharged from the site. The developer has indicated interest in beginning construction in late 2013.
- Furlotti Annexation: This is a long term planning project that includes annexation of 269 acres on the northwest quadrant of South Vine and Highway 46 West. The City has received applications from the developer for a mixed use project which includes 3 hotels, two commercial centers: 20,000 sq. ft. and 25,000 sq. ft., a 10,000 sq. ft. winery, 20 estate homes on one and two acre lots, and 186 acres of open space and agriculture. The developer worked with the Central Coast LID Initiative in the development of a Storm Water Runoff Control Plan and has submitted the plan to the City. An EIR will be prepared the fall of 2013.
- Paso Robles Wastewater Treatment Plant (WWTP) Upgrade: Construction has started on this project. The design of the administration building includes stone recharge beds, pervious pavement, bio-swales and vegetated filter strips.
- Tract 3000 (formerly Cameron): This project was approved on October 25, 2005, long before we were discussing LID. One of our goals and outcomes of our 2011 Circulation Element was to reduce the width of many of our arterial streets. South River Road was one of those. We are able to use the right-of-way we gained through a lane reduction to build in low impact development features into this project. Retention basins have been designed to retain the 85th percentile storm. The design of the project has been approved. Construction has not started.
- Habitat for Humanity (Tract 3036): Originally this project consisted of 5 residential units to be built on the north end of town. The City has heard that Habitat for Humanity is considering re-designing the project to include additional units. 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 will be required to have on-site retention of the 85<sup>th</sup> percentile storm.
- Mini-Storage: This is a commercial building greater than 100,000 square feet and will be required to have on-site retention. There has been no activity on this project.
- North County Christian Church: This project is now complete. 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 project is complete. This industrial building was required to meet interim LID criteria through the grading permit process. An open retention basin was built. This facility fell under Tier 2 of the Interim LID Criteria.

PC-1B: The City is currently using a spread sheet to track post construction storm water controls installed.

PC-1C: The City worked with the SLO TAC to develop a list of appropriate audiences to receive education on LID. This included Planning Commissioners, City Council Members, inspectors, architects, engineering firms, developers, contractors, planning staff, and home owners.

- The City held a workshop on March 26, 2013 about LID and the Post Construction Requirements at Joint City Council and Planning Commission meeting. The public, contractors, engineers, and architects were sent notices of the workshop. There were 21 attendees including seven Planning Commissioners, five City Council Members, developers, architects and representatives from several engineering firms. The workshop included a Power Point presentation given by Rick Engineering and a question and answer session. Attendees were given copies of the approved 2012 Post Construction Requirements and the Central California Coast Technical Assistance Memo on LID Plant Guidance for Bio-retention.

- The City had a booth at the Business Expo on April 23, 2013 which is attended by local residents. The City had a display on LID and gave out information on LID including the LID Plant Guidance for Bio-retention, and "*Slow it. Spread it. Sink it! A Homeowners Guide to Greening Stormwater Runoff.*" This is an excellent guidebook on LID written by the Resource Conservation District of Santa Cruz County and funded by the SWRCB.



- 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 17 grading permit applications.
- The City has the Interim LID Guidelines brochure and the Post Construction Requirements as well as reference LID manuals on the City's Storm Water web site.

PC-1D: The workshop described above in PC-1C was the most successful outreach done. This workshop prepared the City Council and the public for the Storm Water and revised Grading Ordinances which were both taken to City Council to be adopted.

The effectiveness of the outreach materials cannot be measured at this time.

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 has a Technical Advisory Memo on Parking Lots worked with the Center for Low Impact Development Initiative to develop a. This is available to developers.

PC-1F: The City did not develop specific guidance for development project applicants on how to achieve and demonstrate compliance with hydromodification control criteria and LID requirements.

Currently the City gives all land development applicants conditions of approval to submit a Storm Water Control Plan to comply with the Interim Post Construction Requirements.

**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. Although it is too soon to determine the exact reduction of environmental impacts since many of the projects approved with LID are just being built or have not been built yet. As these projects are built, this BMP will be consistent with CASQA Level 5: Improving runoff quality.

PC-1B: The City is tracking post construction storm water controls installed. This tracking list will be used in the future for developing the self-certification program for the maintenance of post construction BMPs.

PC-1C: The outreach that the City has completed has reached all of the targeted audiences. Land development applicants have complied with the conditions of approval for LID and post construction requirements. CASQA Level 1: Documenting Activities.

PC-1D: The outreach that the City has done appears to be effective. Land development applicants are starting to submit storm water control plans with interim LID and post construction measures included. Therefore the City believes that this is consistent with Level 3 – Changing Behavior

PC-1E: The City adopted 3 LID Guidelines and links to these guidelines are on the web site. It is not possible to determine the exact effect on storm water quality however applicants are submitting plans with LID features included. Therefore the City believes that this is consistent with Level 3 – Changing Behavior

**iv. Proposed Modifications**

None

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

**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**

The City reviewed the CEQA checklist and feels that changes are not necessary at this time.

**iii. Effectiveness**

This effectiveness of this BMP cannot be rated.

**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.**

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

PC-3C: The City will apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects.

**ii. Status of Measurable Goal**

PC-3A: The City completed the code review and the following activities which were reported in the second quarterly report. The review included 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 implemented until March 2014. The City has adopted the Storm Water Ordinance and the revised Grading Ordinance requiring development projects to comply with the Post Construction Requirements. The standards for streets, parking and driveways, including materials, have also been revised and approved by City Council. The City will revise the City Standards to include the Post Construction Requirements adopted by the Central Coast RWQCB by March 2014.

PC-3C: The City is requiring Interim Post Construction Requirements to all applicable new and redevelopment projects until March 2014 at which time it will implement the Post Construction Requirements adopted by the Central Coast RWQCB.

iii. **Effectiveness**

PC-3A: The City 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: The effectiveness of this BMP cannot be measured at this time since the standards and ordinances have just been adopted by City Council.

PC-3C: Currently the City is applying the interim LID/post construction requirements until March 2014.

iv. **Proposed Modifications**

None

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

The City Engineering Standards will be revised to include the Post Construction Requirements.

**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: The City has developed draft documents for the recording of private storm water conveyance management and maintenance system. It includes an annual inspection form to be completed by the owner of the post-construction BMP that will be required to be submitted to the City annually. These documents have been submitted to City's Attorney for review and for legal guidance on how to implement this BMP.

PC-4B: The City is working on developing a self-certification program for private storm water conveyance management and maintenance system. The Storm Water Control Ordinance became effective in August 2013 which gave the City the authority to require the management and maintenance of private systems.

iii. **Effectiveness**

This BMP cannot 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.**

**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 was completed under the Joint Effort and the specific criteria to control hydromodification in new development and redevelopment projects was adopted by the Central Coast RWQCB in July 2013 and becomes effective March 2014.

**iii. Effectiveness**

The effectiveness of this BMP cannot be measured since the specific criteria to control hydromodification in new development and redevelopment projects is not required until March 2014.

**iv. Proposed Modifications**

None

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

**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.*

**ii. Status of Measurable Goal**

This BMP was completed by the Joint Effort and the applicability thresholds were adopted in July 2013 by the Central Coast RWQCB and become effective in March 2014.

**iii. Effectiveness**

The effectiveness of this BMP cannot be rated at this time since the applicability thresholds do not become effective until March 2014.

**iv. Proposed Modifications**

None

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

**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.	Yes	Yes			X		
		PC-1B: Establish a tracking mechanism/reporting system of post construction storm water controls installed.	Yes						X
		PC-1C: Provide appropriate education and outreach for applicable target audiences.	Yes	Yes			X		
		PC-1D: The City will develop a tracking system that reports the accomplishments in education and outreach.	Yes				X		
		PC-1E: The City will develop, advertise and make available LID BMP Design Guidance suitable for all stakeholders.	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.	Yes	Yes		X			
<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.	Yes					X	
<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.	Yes	Yes					X
		PC-3B: The City will approve or adopt any necessary modifications and/or standards.	Yes				X		
		PC-3C: The City will apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects.	Yes	Yes					X

**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>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.	No	Yes					X
		PC-4B: Implement the self-certification program.	Not Completed	No					X
<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.	NA	Yes					
<b>PC6</b>	Applicability Thresholds	PE-6: Select Applicability thresholds for applying Hydromodification Control Criteria to new and redevelopment projects.	NA	Yes					

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

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

**i. Measurable Goal**

GH-1: Conduct pollution prevention inspections of City facilities prioritized by the potential impact on storm water (Table 13). 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. Observe 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 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.

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 were evaluated while repairing a water leak and the W.M. Lyles, the contractor for the wastewater plant, was evaluated while conducting a bypass of a sewer lift station as part of the wastewater construction.

**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**

None

**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 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-High	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	Medium	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 City developed guidelines for the water/streets yard on Paso Robles Street and for the Public Works Yard on Riverside Avenue for BMPs related to storage of materials and cleaning the yards.

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

Water and Street Dept. staff have followed the guidelines for the lower yard on Paso Robles Street which limits the amount of green waste and scrap stored.

### ***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.*

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

GH-3A: 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 eleven distribution staff discuss non-storm water discharges during monthly meetings. All water division sites are monitored to prevent erosion prior to storm events. Water Department staff handle non-storm water discharges per the Low Threat Discharge permit for discharges from the City's potable water system. Staff will also implement storm event procedures in the lower yard.

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.

Additionally, City staff with greater responsibilities in the storm water program such as the Water Quality Specialist and Industrial Waste Manager, received additional training. The Water Quality Specialist, is a Certified Inspector of Erosion and Sediment Control (CIESC) and Qualified SWPPP Practitioner (QSP). Additional training is listed in Table 15 below.

GH-3B: This BMP is still being developed and will include the requirements for the new Phase II permit. The City is investigating developing a web based training program that can be tailored to each department, yet allow staff to do the training when it is convenient for their schedule.

**iii. Effectiveness**

GH-3A: 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)

GH-3B: This effectiveness of this BMP cannot be rated at this time.

**iv. Proposed Modifications**

No modifications are proposed.

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

***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>• CWP: Get the Dirt on Stormwater.</li> <li>• CWP: Customizing Your Stormwater BMP Design for Specific Pollutants.</li> </ul>
Michael Hendry	Water Quality Specialist (Storm Water Inspector)	<ul style="list-style-type: none"> <li>• BT Consulting - Stormwater Quality Workshop (7 Hrs)</li> <li>• RCD - Erosion and Sediment Control Certification Course (4 Hrs)</li> </ul>

***BMP GH-4: Implement a Storm Drain Inspection and Cleaning Program for High Priority Discharge Inlets.***

**i. Measurable Goal**

GH-4A: The Streets Dept. will identify and inspect high priority DIs annually.

GH-4B: The Wastewater Department will clean out any of the high priority DIs identified that have accumulated debris. DIs will be cleaned when 40% full.

**ii. Status of Measurable Goals**

GH-4A: In October the Storm Water Program identified 12 impacted DIs which the Wastewater Dept. cleaned. The Streets Dept. also requested that 13 DIs be cleaned to prevent flooding during the wet season.

GH-4B: The Wastewater Dept. cleaned the 24 of the 25 DIs in November, generating approximately 15 cubic yards of debris. The grate could not be removed from one of the storm drains, therefore it could not be cleaned.

**iii. Effectiveness**

This BMP is effective in removing debris from DIs and preventing it from flowing to the Salinas River.

**iv. Proposed Modifications**

None

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

The City will work off the current list of DIs

**BMP GH-5: Track Material Collected during Street Sweeping and Cleaning of Drain Inlets.**

**i. Measurable Goal**

GH-5A: The Streets Department will track the amount of material collected from street Sweeping.

GH-5B: The wastewater Department will track the amount of material collected from cleaning DIs.

**ii. Status of Measurable Goals**

GH-5A: The street sweepers were only operated 28 times in Year 8 due to staffing issues. The sweeper was operated for 10 days in November and December to collect leaves.

The City does not have a designated roll-off bin for collecting the debris out of the sweeper. The majority of the time the roll-off bin located in the dump station at the wastewater plant is used for sweeper debris. However, other solid waste is placed in this dumpster. The weight of a load of sweeper debris varies greatly depending on the amount of moisture in the load. Therefore, the average number of loads collected and the tons of solids weighed at the landfill from the roll-off bin located at the dump station are both being reported. The average number of loads collected for the 28 days was 119 loads. The total weight from the landfill weigh tickets was 67.8 tons. At least 50 tons of this is from the street sweeper.

GH-5B: The Wastewater Department used the Vaccon to clean the DIs. The debris cleaned out of the DIs was drained and then commingled with the street sweeping debris. Approximately 15 cubic yards of debris was cleaned out of the 24 DIs cleaned.

**iii. Effectiveness**

GH-5A: Sweeping the fall leaves and downtown area reduces the amount of debris that enters the storm drain system. This is consistent with level 4, reducing

loads from sources.

GH-5B: This is consistent with 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 is looking into restarting a regular street sweeping program.

**Table 16 . Pollution Prevention/Good Housekeeping for Municipal Operations**

BMP	Description	Measurable Goal	Status						
			Implemented	On Schedule	Exceeded	Modified	Effective	Not Effective	Unknown
<b>GH1</b>	Facility and maintenance operations inspections	GH-1: Conduct pollution prevention inspections of City facilities prioritized by the potential impact on 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. Observe 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.	Yes	Yes			X		
<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.	No	No					X
<b>GH 4</b>	Implement a storm drain inspection and cleaning program for high priority Discharge Inlets (Dis) & other MS4 structures.	GH 4A: The Streets Department will identify inspect high priority DIs annually.	Yes	Yes			X		
		GH 4B: The Wastewater Department will clean out any of the high priority DIs identified that have accumulated debris. DIs will be cleaned when they are 40% full	Yes	Yes			X		
<b>GH 5</b>	Track material collected during street sweeping and cleaning of Drain Inlets and other MS4 structures.	GH 5A: The Streets Department will track the amount of material collected from street sweeping.	Yes	Yes					
		GH 5B: The wastewater Department will track the amount of material collected from cleaning DIs.	Yes	Yes			X		

## Certification

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

	September 13, 2013
Signature of Permittee (legally responsible person)	Date Signed
Patti Gwathmey	Industrial Waste Manager
Name (printed)	Title

