Chapter 6: POST CONSTRUCTION STORM WATER MANAGEMENT PROGRAM

BMP #PC-1: On City Owned Property, No New City Development Projects Shall Be Permitted Within 30 feet of a Wetland Without An Approved Project-specific Habitat Management Pan and a Site-specific Water Quality Management Plan

Measurable Goals:
Formalize and implement strategy

Year 2 Summary: This strategy was formalized by incorporating it into the mandatory storm water BMPs/ Design Standards for Development and Remodeling Projects when this BMP brochure was revised in June 2010. The BMP brochure is posted on the City website at:

http://www.cityofsantacruz.com/Modules/ShowDocument.aspx?documentid=4424.

Effectiveness: goal met
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP #PC-2: Revise Mandatory Storm Water BMPs/Design Standards Brochure

Scheduled for Year 2

Measurable Goals:
1. Revision to require more effective BMPs to treat parking lot runoff
2. Revision to clarify that all development projects per General Permit Attachment 4 will be subject to structural or treatment control BMP requirements
3. A process for project applicants to follow to identify structural or treatment control BMPs that will effective in removing a development project's pollutants of concern

Year 2 Summary: The BMP brochure was revised in June 2010. It is posted on the City website at: http://www.cityofsantacruz.com/Modules/ShowDocument.aspx?documentid=4424. A paper copy is available upon request.

Effectiveness: goal met early in Year 1
Proposed Modifications: none
Planned Year 3 Activities: This goal was accomplished in Year 1. Additional future revisions will be made if needed.

BMP #PC-3: Derive Municipality-Specific Criteria for Controlling Hydromodification in New and Redevelopment Projects Using Water Board-Approved Methodology Developed through the Joint Effort.

Scheduled for Joint Effort Q8

Measurable Goals:
Hydromodification Control Criteria

Year 2 Summary: NA-Scheduled for Joint Effort Q8

Effectiveness: NA
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP #PC-4: Select Applicability Thresholds for Applying Hydromodification Control Criteria to New and Redevelopment Projects. Applicability Thresholds Will Be Consistent with Long-Term Watershed Protection.

Scheduled for Joint Effort Q8

Measurable Goals:
Applicability Thresholds

Year 2 Summary: NA-Scheduled for Joint Effort Q8

Effectiveness: NA
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP #PC-5: Develop and Enact a Strategy for Implementing LID and Hydromodification Control for New and Redevelopment Projects.

Scheduled for Joint Effort Q2-Q9

Measurable Goals:
Implementation Strategy for LID and Hydromodification Control:
Guidance

1. Develop, advertise and make available LID BMP Design Guidance suitable for all stakeholders (Q4)
2. Specific guidance on how to achieve and demonstrate compliance with the hydromodification control criteria and LID requirements made available to new and redevelopment project applicants (Q8)

Education and Outreach

1. Documentation of goals, schedules, and target audiences for education and outreach the municipality will conduct in support of the following strategic objectives: enforceable mechanisms, hydromodification control criteria, applicability thresholds, LID BMP design, and compliance with LID and hydromodification control criteria (Q2)

2. Tracking Report indicating municipality's accomplishments in education and outreach supporting implementation of LID and hydromodification control for new and redevelopment projects (Q8)

Interim LID Implementation

1. Apply LID principles and features to all applicable new and redevelopment projects (Q2-Q8).
2. Tracking Report, for the period Q2 to Q8, identifying LID design principles and features incorporated into each applicable new and redevelopment project (Q9).

Year 2 Summary:

1. For *Education and Outreach Measurable Goal #1* (Q2) above:

At the end of the Joint Effort Q2, the City submitted a "LID Education and Outreach Schedule" to the RWQCB. This table is included below with a new "Status" column, which was added to provide an update on the accomplishments through June 30, 2011 for this Annual Report:

City of Santa Cruz
Joint Effort: Q2 LID Education and Outreach Summary

Target Audience	LID: Public Education & Outreach Efforts	Estimated Schedule	Status
Residents			
	City funds the Santa Cruz Resource Conservation District (RCD) to conduct a LID education program for residents w/in the city. A brief description of this program is provided in text below* and some of the specific work elements are included in this table.	Q1-Q9	Done & Continuing
	City website, Environmental Programs web pages, provides storm water information for residents including a section entitled "Managing Storm Water Runoff." This section includes a link to the RCD LID guidance manual "Slow it. Spread it. Sink it! A Homeowner's Guide to Greening Storm Water Runoff"	Q1-Q9	Done & Continuing
	Santa Cruz Neighbors meeting on 3/23/11, City and RCD gave a presentation to 28 residents on LID design. Also discussed and distributed the RCD LID guidance manual "Slow it. Spread it.	Q2	Done

Target Audience	LID: Public Education & Outreach Efforts	Estimated Schedule	Status
	Sink it!" storm water pollution prevention brochures for residents, info on the Water Dept Rain Barrel Program, and info on the GG program-class series.		
	Tabling at the Earth Day Santa Cruz 2011 event on April 16. Outreach and distribution of the RCD guidance manual "Slow it. Spread it. Sink it! were conducted at both the City PW and RCD booths at the event.	Q3	Done
	Tabling at the Santa Cruz Garden Fair on April 26, 2011 by RCD staff, co-funded by City, on LID methods & distribution of the RCD LID guidance manual "Slow it. Spread it. Sink it!	Q3	Done
	City Rain Barrel Program: The City Water Department is offering Moby 65 gallon rain barrels, valued at $149, to service area residents for $50 each. Program outreach promotes water conservation, runoff pollutant control, and green gardening. During the Spring 2011 offer, approx. 196 rain barrels were distributed. Program may be continued in the Fall or Spring 2012	Q2-Q3	Done
	Related work: City website, Environmental Programs web pages, includes information for residents re "Ocean Friendly Landscaping" classes which are co-sponsored by the City.	Posted on web- Q2 Classes held-Q3	Done
Architects, Developers, Building Contractors, Design Consultants, etc:			
	City Mandatory BMPs for Development and Remodeling Projects distributed to development permit applicants	Q1-Q9	Continuing
	Potential: Article in Builder's Exchange newsletter, Downtown Association newsletter/email, or other trade organization. (Article written by City of Watsonville & Soquel Water District staff, courtesy of/printed in *The Sentinel* newspaper; article revised and submitted to Builder's Exchange by MRSWMP staff)	Q3-Q5	Done
	Potential: Workshop co-sponsored by Santa Cruz municipalities	Q7	Pending
All: Residents & Architects, Developers, Building Contractors, Design Consultants, etc:			
	City Mandatory BMPs for Development and	Q1-Q9	Done &

Target Audience	LID: Public Education & Outreach Efforts	Estimated Schedule	Status
	Remodeling Projects posted on City website		Continuing
	City Mandatory BMPs for Development and Remodeling Projects available at Planning Dept. public counter	Q1-Q9	Done & Continuing
	City co-funds Ecology Action and the Santa Cruz Adult School to conduct a Green Gardner education program for landscapers and residents. This spring, a series of "Ocean Friendly Landscaping" classes are being held re landscaping skills that conserve water and reduce runoff pollutants such as: ecological landscape design, rainwater and gray water harvesting, proper installation of irrigation systems, less toxic pesticide control, etc.	Q3	Done
	Article/informational piece on LID published in the local newspaper, *The Sentinel.* The article was published on April 30, 2011.	Q3	Done
	LID BMP Design Guidance piece	Q4	Pending
	Specific guidance on how to achieve & demonstrate compliance with the hydromodification control criteria and LID requirements made available to new and redevelopment project applicants	Q8*	Q8*
City Council and/or Public Works Commission			
	Potential: Agenda items at one or more meetings re new and/or modified enforceable mechanism (e.g. revised municipal code or mandatory Development BMPs) for applicable new and redevelopment projects.	Q7-Q8**	Q7-Q8**

***Additional Description of the City of Santa Cruz/Resource Conservation District LID Education Program for Residents during the FY 2011:** The City is currently funding and partnering with the Resource Conservation District of Santa Cruz County (RCD) to conduct a Low Impact Development (LID) education program for residents within the city. Highlights of the program include the following:

- Public education workshops held at various public forums;
- Tabling at Santa Cruz Earth Day 2011 on April 16, 2011; includes promotion and distribution of the RCD home drainage guide/LID brochure "Slow It. Spread It. Sink It!";
- Tabling at the Santa Cruz Garden Fair on April 26, 2011;

- ♦ Distribution of the RCD home drainage guide "Slow It. Spread It. Sink It!" in 3 local nurseries and landscape supply stores; and
- ♦ Distribution of the RCD home drainage guide "Slow It. Spread It. Sink It!" by RCD and City staff to residents upon request who heard about the brochure either by word of mouth, info cards from local nurseries, or from the RCD or City web sites.

** Schedule is dependent upon the Joint Effort's development of RWQCB approved methodology and may be delayed in accordance with any Joint Effort schedule changes per RWQCB approval.

2. For *Interim LID Implementation* Measurable Goal #2 above: 1. Apply LID principles and features to all applicable new and redevelopment projects (Q2-Q8):
The City has been applying LID principles to all applicable new and redevelopment projects as required since Q2 and even to specific projects prior to the start of Q2. In June 2010, the City revised the mandatory "Storm Water BMPs for Development and Remodel Projects" and the revisions included the addition of a LID section. The BMPs are mandatory for all applicable projects per the Storm Water General Permit Attachment 4, plus all commercial and industrial developments and remodels equal to or greater than 1 acre. In addition, the revised BMPs require all development and remodeling projects to comply with the Low Impact Development requirements specified in Section #1 of the BMPs. This applies to all projects including residential (including single and duplex dwellings), commercial, and industrial projects. Thus, the City asks even small (less than ½ acre) residential projects to consider LID although these may request an exemption if LID is not feasible at the site. The BMP brochure is posted on the City website at:
http://www.cityofsantacruz.com/Modules/ShowDocument.aspx?documentid=4424.

During the permit year, the most significant development project application received and evaluated by the City was a new multi-acre residential development project located on Isbel Drive. This very large project includes the construction of new condo units and homes. The project plans underwent extensive review by City staff and a portion of the plans were sent to Dr. Darla Inglis, of the LID Initiative, UC Davis Extension, for initial feedback on the proposed LID measures. This project application was also the "demo project" for the LID Design training session for City staff given by Dr. Inglis on Nov. 17, 2010, which was provided courtesy of the Regional Joint Effort. During this training session, City staff (including a City Planner, the PW Plan Reviewer, and PW storm water staff) evaluated this project application's assessment of site conditions, site design, and LID measures with Dr. Inglis.

A table providing a summary of the development and redevelopment project applications, either received or in process since January 1, 2011 (the beginning of Q2), is included below. These projects are highlighted in blue. There were 5 new projects (4 residential and 1 commercial) and 2 remodel projects (both residential). Projects whose applications were received and approved prior to January 1, 2011 are also included in this table in order to provide an overview of all pending or recently approved projects which are incorporating LID measures.

Development Projects-LID Implementation

January 1- June 30, 2011 (in blue highlight)

Project Address	Type	Size	LID Measures	Status
New Developments				
Delaware Ave.	Commercial	Very Large	Bio-swales	Work halted; site buttoned up. Permit issued 2008.
Frederick St.	Residential	Very Large	Drainage swale along south property line, 3' wide by 3" deep grass line bio-swale	Plans under review-Submitted November 2008
Isbel Drive	Residential	Very Large	Extensive bio-swales & detention pond	Plans submitted summer 2010 and plans revised 2010-2011. Grading permit issued 6/30/11.
Logan St.	Residential	Small	Majority of runoff will come from roof downspouts. Thus downspouts will be directed to vegetation followed by a rock filled trench drain. Also, 2 trench drains will filter collected runoff through drain rock prior to discharge to street.	Plans under review-Submitted April 2011
Meder St.	Residential	Large	Filtration system; disconnect roof runoff-downspouts; permeable pavement, bio-retention facility; retention/detention basin; and bio-swale/vegetated system.	Building permit issued May 2011.
Rocky Road	Residential	Small	Utilized site design; use pervious pavers for extra parking; lawn instead of impervious patio; majority of roof runoff to landscaping; landscaped detention system.	Plans submitted August 2010. Building permit issued July 2010. Under construction in 2010/2011.
Refugio Rd.	Residential	Very Large	Bio-swales; grey water and black water recycling	Project in initial construction stages
Seton Way	Residential	Small	Pervious driveway;	Plans under review-

Project Address	Type	Size	LID Measures	Status
			permeable patio; French drain; permeable concrete walkways	Submitted March 2010
Shaeffer Road	Commercial Storage units	Very Large	TBD	Plans under review-Submitted 8/29/11
Remodels				
James St.	Residential	Small	2 bio-swale/detention ponds; removal of impervious pathways & will install small stepping stones; routing downspouts to landscaping and bioswales.	Plans under review-Submitted May 2011
Olive St.	Residential	Small	2 bio-swale ponds along walkway; removal of impervious pathways & will install small stepping stones; routing downspouts to landscaping and bioswales.	Plans under review-Submitted June 2011

Project Size:
Small=< ½ acre
Large=>½ acre
Very Large=equal to or > 1 acre

In addition, there were two large (more than ½ acre) redevelopment projects which were reviewed, issued permits, and construction was completed during Permit Year 2 prior to Joint Effort Q2. However, both these sites installed LID measures and thus are briefly detailed below:

1) Church Street: Commercial development (offices). Bio-swales and curb cuts were installed. Curb cuts were designed to allow parking lot runoff to flow into bio-swales. Construction has been completed.

2) Soquel Avenue: Commercial development (grocery store). 3 bio-swales were installed. Plans were in submitted January 2009, and construction has been completed.

Lastly, the City has contracted with an outside consultant to assist in the review of development project plans, specifically related to LID, as needed.

Effectiveness: All goals met
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP #PC-6: Review and Evaluate the City's General Plan and Other Watershed Protection Planning Efforts (i.e. land use policies, plans, ordinances, development review procedures, etc). In Conjunction, Develop Where Feasible Quantifiable Measures That Indicate How the City's Watershed Protection Efforts Related to Storm Water Management Achieve Desired Watershed Conditions.

Scheduled for Year 4-5

Measurable Goals:
1. Determination if long-term watershed management and protection efforts are addressed and, if not, identification of sections needing revisions. (Year 4-5)
2. Quantifiable Measures (Year 4-5)

Year 2 Summary: NA- Scheduled for Year 4-5

Effectiveness: NA
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP #PC-7: PW Staff Will Inspect Installation of Post-Construction Treatment Systems and Storm Water Retention Devices at Development Sites Greater Than or Equal to One Acre

Measurable Goals:
Inspect 100% of development sites greater than or equal to one acre

Year 2 Summary: There were 3 sites greater than or equal to one acre and inspections were conducted by PW staff where appropriate. Each site and the inspection status are briefly described below:

1) Delaware Avenue: Commercial development. This site was inspected by PW staff on 5/11/11. However, work was temporarily halted and no construction is occurring. Future work is planned to be done in phases.

2) Refugio Road: Residential development (single family). Site construction is still in the early stages and thus not ready for a PW inspection. Post-construction BMPs are estimated to be installed in 2012. PW staff will track the status of the project this fall to determine when a PW inspection is appropriate.

3) Isbel Drive: Residential multi-family development (condos and homes). This site was issued a grading permit on 6/30/11. PW staff will track the status of the project this fall to determine when a PW inspection is appropriate.

Effectiveness: goal met
Proposed Modifications: none

Planned Year 3 Activities: continue

BMP #PC-8: Implement Program to Ensure Long-term BMP Inspection and Maintenance. Spot Inspections Will Be Conducted

In order to ensure that all applicable development projects submit a signed Maintenance Agreement, the City is instituting a policy that return of the signed maintenance agreement is a condition of approval for the project's building permit. The condition of approval will be placed on the project by the Department of Public Works. The Building Permit will not be issued until this signed maintenance agreement is received by the Public Works and the condition removed from the project's permit application (by Public Works).

Measurable Goals:
1. Develop an electronic database or spreadsheet to better track & assess sites over time (Year 1)
2. Enforce the proof of annual BMP inspection and maintenance requirement at 100% of sites (Year 1-5)
3. Implement a spot inspection program at 10% of sites annually (Year 2-5)

Year 2 Summary:
1. During Permit Year 1, City staff created an Excel spreadsheet to track and assess sites that must submit proof of annual storm water BMP inspection and maintenance. In Permit Year 2, Staff continued to use this spreadsheet and updated it as necessary.

2. The City required that a BMP Maintenance Agreement be signed by the property owner/developer for all applicable projects per the City's mandatory BMPs for Development and Remodeling Projects. During the reporting period, the City had a total of 19 signed maintenance agreements (2 from last year were removed since the projects were discontinued and the Building permits expired, plus there were 4 new ones).

Because last year the City did not receive proof of BMP maintenance from any sites by Dec. 1st, as required, this year the City sent a reminder notice to 17 of the 19 maintenance agreement responsible parties on November 10, 2010. The other two sites were not sent reminder letters because one of the sites was not yet completed and the other site signed the Maintenance Agreement in May 2011.

Staff received proof of BMP maintenance from most sites, however there were 3 non-responders. Emails were then sent to the 3 non-responders in March 2011. Two of these sites responded. A letter was sent to remaining the non-responsive site on 6/2/2011 and 6/21/2011. Phone calls were also made as needed.

Thus, this year there was a significant improvement as compared to last year as we received proof of maintenance from all but 3 sites by December 1st. All 3 sites that were initially non-responsive were inspected.

Staff has had difficulty contacting and inspecting particularly condominiums and multi-office buildings because once the property is leased or sold to multiple residents or occupants, it is

difficult to track who is responsible if the City has not been notified of any changes and the attempts to contact have failed.

3. During the permit year, 5 sites were inspected including the 3 initially non-responsive sites. Inspections were conducted on: 1) March 1, 2011; 2) May 26, 2011; 3) March 29, 2011; and 4) May 26, 2011. The site inspections are summarized as follows:

1) Clay Street: One condo site was inspected & found partially vacant. Staff spoke to owner and explained program, and got their updated contact info. The BMPs were found clean.

2) Frederick Street: One multiple residential site, which was partially built but vacant, was inspected and the BMP was clean.

3) Church Street: One commercial site was inspected and all BMPs were clean.

4) Soquel Avenue: The remaining non-responsive site, four townhouses, was inspected and staff found sediment trap full of leaves. A letter was sent to each of the 4 individual townhome addresses, and to date there has been no response.

5) Mission Street: A commercial site was inspected for a dumpster enclosure per the City Maintenance Agreement. Staff found a small non-running spill in the dumpster area and notified the businesses, which cleaned it up immediately.

Effectiveness: All goals met.
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP #PC-9: Implement Corrective Measures and Enforcement Procedures As Needed in Accordance with the City Municipal Code

Measurable Goals:
Implement corrective actions, as appropriate, for 100% of sites where a violation is detected

Year 2 Summary: The City's Planning Department's Code Enforcement Division conducted enforcement actions at two sites as described below:

1) Mountain View Avenue site-In Permit Year 1, the property owner changed the direction of the creek within a riparian corridor area. City Planning Code Enforcement notified the Dept. of Fish and Game who took over as the lead agency. The City follow up included monitoring of the situation. In Permit Year 2, the property owners re-vegetated the area along the riparian corridor. The Dept. of Fish and Game followed up by issuing a permit to the property owner and required annual biotic review for the next five years. The City sent a letter to the property owner to obtain yearly biotic review reports. No reports have been received yet, but a follow-up will continue to obtain the reports.

2) South Branciforte Avenue condo site-In Permit Year 1, a Notice of Violation was issued to the Homeowners Association for violations regarding the adjacent public pathway and riparian area. Violations included lack of maintenance, cutting down and removal of vegetation from the riparian area, and failure to maintain fencing for the pathway and riparian area. An

Administrative Hearing was conducted and issued a Decision that the path and riparian area will be maintained by the Homeowners Association for five years per the new trees and vegetation near the creek. In Permit Year 2, the Homeowners Association paid a fine for violations. Trees were planted in the riparian area and the pathway was maintained. Also, new fencing was installed. The case will remain open for review of the riparian corridor.

Effectiveness: goal met
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP #PC-10: Develop and/or Modify Enforceable Mechanisms That Will Effectively Implement Hydromodification Controls and LID. Enforceable Mechanisms May Include Municipal Codes, Regulations, Standards, and Specifications.

Scheduled per the Regional Joint Effort (to develop hydromodification control criteria) in Joint Effort quarters Q2-Q9

Measurable Goals:

1. An analysis of all applicable codes, regulations, standards, and/or specifications that identifies modifications and/or additions necessary to effectively implement hydromodification controls and LID (Joint Effort Q2)

2. Approved new and/or modified enforceable mechanisms that effectively resolve regulatory conflicts and implement hydromodification controls and LID in new and redevelopment projects (Joint Effort Q8)

3. Apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects (Joint Effort Q9)

Year 2 Summary: As part of the regional Joint Effort, the City conducted a thorough GAP Analyses review of all City codes and submitted the Gap Analyses Report to the RWQCB (on April 27, 2011) as required by April 30, 2011. The Gap Analysis Report included an overview letter and two tables, one which identified all the codes reviewed and the other that detailed specific code items and potential LID impediments.

The Gap Analysis resulted in five possible obstacles to implementing Low Impact Development (LID) contained in the City regulations. Three of these gaps are regarding existing street/curb design standards that could prevent the use of bio-systems adjacent to the street. One gap concerns the required parking ratios for office buildings. The last identified gap concerns how surface runoff is to be directed.

As part of the Joint Effort, City will modify the code items as applicable and where possible. All municipal code revisions require a public process including final approval by the City Council. Measurable goals #2 and 3 are due per the Joint Effort in Q8 and Q9 respectively.

Effectiveness: goal met
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP # PC-11: Distribute BMP Brochure

The BMP brochures are distributed to all discretionary project applicants by the Public Works Plan Reviewer. The brochures have also been available at the public counters of both the Planning and Public Works Departments since 2004. In addition, the "BMPs for Development and Remodeling Projects" are posted on the City's website.

Measurable Goals:
Distribute to 100% of discretionary project applicants

Year 2 Summary: The BMPs were distributed to all discretionary project applicants by the Public Works Plan Reviewer. Generally this was done either by email, or given to the project developer during project planning meetings. In addition, the BMP brochures are available at both the Planning and Public Works' public counters. SW staff periodically checks the stock available at the Planning public counter to ensure that there is a sufficient supply. In Permit Year 2, 36 BMPs for Development and Remodeling Projects brochures were given out at the Planning public counter. At the Public Works public counter, copies are kept in the counter file box and are given out by counter staff per inquiries regarding potential development projects. In addition, the "BMPs for Development and Remodeling Projects" are posted on the City website at:

http://www.cityofsantacruz.com/Modules/ShowDocument.aspx?documentid=4424.

Effectiveness: goal met
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP # PC-12: Hold Educational Workshop on LID and Hydromodification Control Requirements

Scheduled for approximately Joint Effort Q8

Measurable Goals:
One educational workshop after the hydromodification control criteria have been developed (Approx. Joint Effort Q8)

Year 2 Summary: NA-scheduled for approximately Joint Effort Q8

Effectiveness: NA
Proposed Modifications: none
Planned Year 3 Activities: continue

BMP PC #13: Develop and Implement an Education Program Addressing the Restoration and Protection of Riparian and Wetland Areas

Scheduled for Years 4 & 5

Measurable Goals:
1. Complete development of program plan
2. Implementation of educational measures, i.e. hold workshops, distribute brochures

Year 2 Summary: NA- Scheduled for Years 4 & 5

Effectiveness: NA
Proposed Modifications: none
Planned Year 3 Activities: NA

BMP # PC-14: Provide Training to Appropriate Planning & Public Works Staff

Measurable Goals:
1. Train 100% of appropriate staff every two years.
2. Train new Inspectors and Plan Reviewers within 3 months of the beginning of employment.
3. Additional training on new or changed BMPS as needed

Year 2 Summary:
1. In Permit Year 2, 100% of Planning and Building Staff were trained on construction site BMPs and storm water regulations. The onsite training class was held on August 30, 2011 by a hired consultant. 1 PW SW staff, 1 PW Inspector, 4 Building Inspectors, 5 Planners, and 1 temporary Green Building Specialist were trained at class. Three additional temporary Planning staff also attended the class. One Building Inspector was out sick and given the training class PowerPoint presentation and City BMPs for Construction Work instead. The PW Plan Reviewer also trained by reviewing class presentation and City BMPs. See BMP #CON-7

2. There were no new Inspectors or Plan Reviewers. There was a new Deputy Building Inspector hired at end of June 2010. Training for this new employee was completed in August 2010.

3. There were three additional training events on BMP or storm water topics during the permit year:

1) The City Planner handed out the newly revised Development BMP brochure and lead a discussion of the BMP revisions with Current Planning staff at a July 13, 2010 staff meeting.

2) All six of the Planning Department Planners and five of the six Building Staff were trained on construction site BMPs and new State Construction Permit during an on-site class given by a hired consultant. The class was held on September 30, 2010. The PW storm water staff person also attended this training class. Training for the one remaining Inspector was done the next month by the Supervisor.

3) A City Planner and three PW staff attended the on-site LID Design Training session by Dr. Darla Inglis on Nov. 17, 2010 per the Regional Joint Effort.

Effectiveness: goal met
Proposed Modifications: none
Planned Year 3 Activities: continue