

Appendix
2013 Guidance Document

September 26, 2014

Monterey Regional Storm Water Management Program



Approved by the Central Coast Regional Water Quality Control Board

_____, 2014

Table of Contents

Introduction	3
Public Education and Public Participation Program	5
<u>E.7.a</u> Public Education and Outreach Program	6
<u>E.8</u> Public Involvement and Participation Program	13
Table 1 - Comparison of MRSWMP BMPs to New Phase II General Permit Requirements	15
MRSWMP BMP Descriptions and Measurable Goals	21
<u>Table 2</u> – Monterey Regional Storm Water Management Program- More Protective MRSWMP Program Elements – to remain in effect	22
<u>Table 2A</u> – Monterey Regional Storm Water Management Program- Additional information on MRSWMP Program Elements to remain in effect	32
<u>Table 3</u> – Monterey Regional Storm Water Management Program Equivalent Program Elements – to be replaced by new Phase II General Permit Elements	36

Introduction

The 2013 Monterey Regional Stormwater Management Program (MRSWMP) Guidance Document was prepared as one of the Permit Registration Documents under the State Water Resources Control Board's Water Quality Order No. 2013-0001-DWQ, National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000004, Waste Discharge Requirements (WDRs) for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4) (General Permit). In response to Clean Water Regulations enacted in 1999, the Phase II Small MS4 General Permit program was established to regulate stormwater discharges from small municipal drainage systems (Order, Finding 16). Water Quality Order No. 2003-0005-DWQ was adopted on April 30, 2003 and established the minimum acceptable elements of small municipalities' municipal stormwater management programs. Small municipalities are required to reduce pollutants from their MS4s to the Maximum Extent Practicable (MEP). On February 5, 2013, Water Quality Order 2013-0001-DWQ was adopted by the State Water Resources Control Board, modifying the 2003 Order and defining the new minimum acceptable elements of the municipal stormwater management program (Order, Finding 30).

In response to EPA's 1999 Storm Water Phase II Final Rule, the cities of the Monterey Peninsula and the County of Monterey, all Phase II communities, formed the Monterey Regional Storm Water Management Program to collectively implement the Phase II Permit requirements consistently throughout the Monterey Peninsula Region. A Memorandum of Agreement was executed by all participating members in late 2002 (MRSWMP document, Appendix B).

This Guidance Document was developed as one of the Permit Registration Documents that Renewal Permittees are required to submit to the State Water Resources Control Board to secure Permit coverage. Renewal Permittees are municipalities that were issued Permits under the 2003 Phase II Permit and are required to continue coverage under the terms of the 2013 Permit. The Guidance Document is the vehicle that describes the elements of Renewal Permittees' 2003 Storm Water Management Program that are more protective of water quality than the minimum requirements established by the 2013 Order (Order, Finding 32). Reducing or ceasing an existing program element that is more protective of water quality than the minimum standards set by the 2013 Permit is prohibited.

This Appendix supplements information contained within the Guidance Document and is intended to provide context for the existing 2003 program elements (Best Management Practices) that are presented in the Monterey Regional Stormwater Management Program document, last revised June 23, 2011, that will continue to be implemented into the next five-year permit term. The 2013 Phase II Small MS4 General Permit became effective on July 1, 2013 and is scheduled to expire on June 30, 2018. A third Municipal General Permit is expected to be enacted prior to expiration of the 2013 Permit.

The following pages contain information that identifies each 2003 MRSWMP requirement, called a Best Management Practice (BMP), and whether the BMP is more protective of water quality than the 2013 Permit element. 2003 MRSWMP BMPs that are equivalent to a 2013 Permit element are also identified,

Appendix to 2013 Monterey Regional Guidance Document

and the 2013 Permit element number has been identified. Descriptions of the 2003 BMPs with their measurable goals are included; BMPs are segregated into two groups: those that are more protective than 2013 Permit elements, and those that have an equivalent requirement under the 2013 Permit. BMPs that will not be continued into the second Permit term were not included in this Appendix.

Anti-Degradation

The State Water Board recognizes that there are instances of locality-specific management practices that are more protective of water quality than the minimum requirements established by the 2013 Phase II Small MS4 Permit (Order, Finding No. 32). Because of this and due to federal regulations that require state water quality standards to include anti-degradation clauses (40CFR 131.12), the State Water Board adopted Resolution No. 68-16 which requires that existing quality of waters be maintained unless degradation is justified based on specific findings (Order, Finding No. 50).

The following Best Management Practices from the Monterey Regional Storm Water Management Plan were considered minimum elements of the 2003 Phase II Permit for the Monterey Region Phase II Permittees. Additional information is provided here to address the transition from the 2003 Permit into the 2013 Permit term and to address anti-degradation issues:

BMP 3-4.a – Adopt an Ordinance to address Illicit Discharges –

(see Table 1, p. 15 and Table 2, p. 22). Ordinances that will be modified or created to address 2013 Phase II Municipal Permit requirements shall not be less protective of water quality than existing ordinances.

BMP 4-1.a – Adopt an ordinance to address pollution prevention from construction activities –

(see Table 1, p. 15 and Table 2, p. 22). Ordinances that will be modified or created to address 2013 Phase II Municipal Permit requirements shall not be less protective of water quality than existing ordinances.

BMP 4-3.b – 100% of applicable construction sites shall be inspected per Permit requirements–

(see Table 1, p. 15 and Table 2, p. 22). The number of construction site inspections performed shall not be significantly less than the number of inspections performed under the 2003 Permit.

BMP 6-10.b – Inspect and clean “hot spot” catch basins & inlets annually prior to rainy season;

BMP 6-10.c – Clean and repair “hot spot” catch basins, inlets, & piping annually prior to Nov. 1; and

BMP 6-10.d – Re-inspect and clean problem areas for debris accumulation during the rainy season

(see Table 1, p. 15 and Table 2, p. 22, Table 2A, p 32): Drainage system “hot spots” were defined for each Permittee in the 2003 document. Priority areas are defined in the 2013 Permit under E.11.f and are equivalent to the 2003 Permit’s “hot spots”. Priority areas defined under E.11.f may be defined in different locations than the former “hot spots,” but the level of effort that each Permittee invests in meeting this requirement shall not be reduced from prior levels.

Note: If discrepancies exist between the Guidance Document and this Appendix, the information of this generally more detailed Appendix will govern.

Public Education and Public Participation Program

The following information outlines specific tasks that Monterey Regional Stormwater Management Program will perform in support of the Public Education and Public Outreach requirements of the Phase II Small MS4 Permit under Elements E.7 Education and Outreach Program, and E.8 Public Involvement and Participation Program.

Guidance Document (E.7.a. and E.8)

Public Education & Public Participation Activities for Year 1 (2013-2014)

Target three pollutants of concern (POC) through the below program activities:

- a. residential pesticide use (OWOW, print ads, public events, surveys)
- b. litter & marine debris (school outreach, business outreach, tourist outreach)
- c. car washing on streets (school outreach, TV ads, print ads, surveys)

Acronyms used:

BMP	Best Management Practice
CBSM	Community-Based Social Marketing
HHW	Household Hazardous Waste
MBNMS	Monterey Bay National Marine Sanctuary
NGO	Non-Governmental Organization
OWOW	Our Water - Our World organization (pesticide education)
PE/PO	Public Education/Public Outreach
POC	Pollutant of Concern
PSA	Public Service Announcement

E.7.a. Public Education and Outreach Program

E.7.a Public Education and Outreach Program				
New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals (Unless Noted Otherwise)	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
E.7.a.		Within the first year, select a PE/PO option. Option 4 selected.		
E.7.a.ii.j.1 E.7.a.ii.d	1.1. Grades K-3 Distribute educational materials to students and/or provide class presentations	<u>1.1a:</u> Reach 750 students with partner presentations or coloring books	Keep	√
E.7.a.ii.j.2 E.7.a.ii.d E.7.a.ii.b	1.2. Grades 4-12 - 24 total classes with hands-on presentations.	<u>1.2a:</u> - Reach 600 students per year with hands-on programs and activities -Tabulate responses from returned students' pre/post surveys and track increase/decrease in awareness -10% increase in student awareness	Keep	√
E.7.a.ii.j.3 E.7.a.ii.c E.7.a.ii.d	1.3. Grades 4- College Storm drain stenciling; offer community service project.	<u>1.3a:</u> -Stencil 150 inlets, document location - Student community service of 100 hours /year - Minimum of 50 volunteer participants	Keep	√

Appendix to 2013 Monterey Regional Guidance Document

E.7.a Public Education and Outreach Program				
New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals (Unless Noted Otherwise)	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
E.7.a.ii.j.4 E.7.a.ii.f E.7.a.ii.d	1.4. Teacher Training Train teachers on stormwater pollution prevention and collect evaluations from teachers on classroom presentations	<u>1.4a:</u> - 2 teacher trainings during 5 year permit - Each year, collect 20 teacher evaluations of the instruction and content of classroom programs	Keep	
E.7.a.ii.d	2. Sea Otter Mortality Increase general public awareness	- Completed in past permit cycle - Will continue to post messages on the topic on Facebook and website	Modify: Continue to work with The Otter Project; post messages and links to TOP web site	
E.7.a.ii.d E.7.a.ii.f E.7.a.ii.h E.7.a.ii.i	3. Selected BMP Brochures BMP brochures made available to Businesses, Public	<u>3a:</u> - BMP brochures distributed either electronically or in City/County offices	Keep	

Appendix to 2013 Monterey Regional Guidance Document

E.7.a Public Education and Outreach Program				
New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals (Unless Noted Otherwise)	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
E.7.a.ii.c E.7.a.ii.d E.7.a.ii.f E.7.a.ii.g E.7.a.ii.h E.7.a.ii.i	4. Residential Outreach Disseminate information to homeowners and residents	<u>4a:</u> 50,000 “mailings” distributed throughout the MRSWMP area (Email blasts, hardcopy mailer, website posting, electronic newsletter, trash insert, etc.) -Provide 1 workshop to residents on LID and storm water friendly garden techniques. -Provide incentives to one sustainable group to enhance local park or community area with storm water friendly techniques	Keep	√
E.7.a.ii.d E.7.a.ii.f E.7.a.ii.h E.7.a.ii.i	5. HHW in Monterey County Reporting of used oil and used oil filter collection numbers	<u>5a:</u> Report collection numbers for motor oil and used oil filters. These are reported in MS4 Annual Reports for their jurisdictions	Keep	
E.7.a.ii.c E.7.a.ii.d E.7.a.ii.f E.7.a.ii.h E.7.a.ii.i	6. Our Water Our World (OWOW) displays Outreach to public through information in nurseries.	<u>6a:</u> - Maintain bilingual OWOW flyers in 4 public locations. - Visit Home Depot on a monthly basis to check on OWOW display rack and shelf talkers - Conduct one in-store training for garden/nursery staff and evaluate.	<u>Modify third bullet:</u> Offer in-store training OR an extra tabling event to be decided by the store manager	√

Appendix to 2013 Monterey Regional Guidance Document

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New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals (Unless Noted Otherwise)	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
E.7.a.ii.c E.7.a.ii.d E.7.a.ii.f E.7.a.ii.h E.7.a.ii.i	7. OWOW Outreach events Public, residents, tourists	<u>7a:</u> - Participate in 4 events including possible tie-in with SPCA vaccine clinic - Reach 75 people through events - Report on increase/decrease in sales of "natural insecticides" from box store corporate headquarters	Keep	√
E.7.a.ii.c E.7.a.ii.d E.7.a.ii.f E.7.a.ii.h	8. Restaurant Outreach Partnership with other agencies, provide training materials and pollution prevention materials to restaurants.	<u>8a:</u> - Visit 75 restaurants - Distribute 250 pieces of educational materials (posters, DVDs, brochures) through partner agencies.	<u>Modify second bullet:</u> -Post restaurant DVD training video on website in English and Spanish to reduce/ eliminate DVD distribution -Post survey online to print and distribute for completion by restaurant managers and staff after viewing DVD.	√

Appendix to 2013 Monterey Regional Guidance Document

E.7.a Public Education and Outreach Program				
New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals (Unless Noted Otherwise)	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
E.7.a.ii.c E.7.a.ii.d	9. Bilingual Radio Ads Residents, general public	<u>9a:</u> - Reach 150,000 listeners - Air 500 ads - Achieve 35% Effective Reach	Keep	
E.7.a.ii.c E.7.a.ii.d	10. Bilingual TV ads General public, tourists	<u>10a:</u> -Air 650-1,000 ads on 4 stations aiming for some prime time slots -Reach 180,000 households	Modify: Reach will be reported each year.	
E.7.a.ii.c E.7.a.ii.d	11. Bilingual Movie Ads General public, tourists	<u>11a:</u> - Reach 175,000 movie patrons	Keep	
E.7.a.ii.d E.7.a.ii.h	12. Publicity/Press releases General public	<u>12a:</u> - 17 print ads with # circulation impressions - 2-3 Press releases submitted to media	Keep	
E.7.a.ii.d E.7.a.ii.c	13. Website General public	<u>13a:</u> - 15,000 MRSWMP website "hits" minimum -Increase in website hits by 4,000 over Year 4 - 3 audits/year by Education Coordinator	Modify first and second bullets: Report the number of website and/or social media hits per year.	

Appendix to 2013 Monterey Regional Guidance Document

E.7.a Public Education and Outreach Program				
New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals (Unless Noted Otherwise)	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
E.7.a.ii.e E.7.a.ii.g	14. Events: Partner with MBNMS & Save The Whales. General public, residents, tourists	<u>14a:</u> - Participate in 5 events (7 days) per year - Reach 1,300 people - Distribute 1,500 educational materials	Modify activity description: Partner with organizations such as MBNMS and NGO's to reach the general public, residents and tourists.	
E.7.a.ii.b	15. Public Attitude Survey General public	<u>15a:</u> - Analyze 175 public survey responses	Keep	√
	16. Large hands-on storm drain model. Outreach to public	<u>16a:</u> -Rotate model to 2 locations per year -Distribute 250 bilingual brochures	Modify first bullet: Rotate model to 1-2 locations per year.	

Appendix to 2013 Monterey Regional Guidance Document

E.7.a Public Education and Outreach Program				
New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals (Unless Noted Otherwise)	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
E.7.a.ii.c	17. Tourist Outreach	<u>17a:</u> -Restock and upkeep existing hotel partners with brochures and posters. -Add 12 new hotels to help educate visitors through brochures, posters in elevators or vending areas, or PSA to air in hotel.	Modify second bullet: Add new hotels to help educate visitors through brochures, posters in elevators or vending areas, or PSA to air in hotel.	
E.7.a.ii.c E.7.a.ii.h E.7.a.ii.i	18. Printing of educational materials General public, tourists, schools	<u>18a:</u> -Distribute 55,000 pieces educational materials to various audiences	Modify: Distribute educational materials to various audiences and report the number of materials distributed.	
E.7.a.ii.a E.7.a.ii.k E.7.a.ii.l	19. Business Outreach: Car Washing,	<u>19.a</u> -Coordinate commercial car wash facility to encourage community youth groups to use commercial facility for fund raising car wash. Implement pilot program in Year 2 -Distribute messages related to proper car washing	New Activity	

E.8 Public Involvement and Participation Program

E.8 Public Involvement and Participation Program				
New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
-----	2-1.c Annual Report Workshop	- Reach 40 participants. PE/PO does advertising for workshop as directed by MRSWMP.	Cease	
E.8.ii.c	2-1.d Annual Workshop or Public Event	Target POC and educate the public about this topic.	Modification: Choose topic annually based on the year's public education goals and educate the public about selected topic. May hold workshop or public event or partner with others to support workshop or event that addresses selected topic.	
E.8.ii.c	2-2.a Financial Support Coastal Clean Up Day	Contribute financial support to the Coastal Clean Up Day event.	Keep	√
E.8.ii.c	2-2.c. Stenciling Outreach to public	Provide supplies and recruit volunteers and stencil and complete minimum of 300 inlets per year.	Keep	√
E.8.ii.c	2-2.d Snap Shot Day Ads	Contribution for print ads from PE/PO	Keep	
E.8.ii.c	2-2.d Walk N' Talk	Promote public participation in community projects related to storm water pollution prevention, LID education.	Modify: Change name of program activity from Walk N Talk to Public Participation Programs.	

Appendix to 2013 Monterey Regional Guidance Document

E.8 Public Involvement and Participation Program				
New Permit BMP #	Current BMP# Program Activity	Annual Measurable Goals	Measurable Goal Keep, Modify, Cease or add New Activity	CBSM Element (√=Yes)
E.8.ii.c	2-2.d Urban Watch Program	Promote public participation in volunteer monitoring programs.	Modify: Change name of program activity from Urban Watch Program to Public Participation (Volunteer) Programs.	
E.8.ii.c	2-2.d First Flush Radio Ads	Air radio ads on First Flush	Modify: Change name of program activity from First Flush radio ads to Public Participation Programs. Encourage public participation through social media outlets, community partners, and radio, to encourage public participation.	
E.8.ii.c	2-2.d First Flush Print Ads	Contribution toward print ads to recruit volunteers.	Keep	

Table 1 - Comparison of MRSWMP BMPs to New Phase II General Permit Requirements

Monterey Regional Stormwater Management Program - Best Management Practices

Integration of Permit Term 1 Best Management Practices (WQO 2003-0005-DWQ) into Permit Term 2 (WQO 2013-0001-DWQ), effective: July 1, 2013 through end of Permit Term 2 (currently June 30, 2018)

CONTINUE IMPLEMENTATION MORE PROTECTIVE (Maintain Existing BMP)			CONTINUE IMPLEMENTATION EQUIVALENT (Implement New Permit Element)			DISCONTINUE IMPLEMENTATION MORE PROTECTIVE, LESS EFFECTIVE (Discontinue Existing BMP)		
MCM-1 Public Education and Outreach								
			1-1.a	Implement PE Program in MRSWMP Appendix E	E.7.a (row 41)			
			1-1.b	Update Measurable Goals annually in Annual Report	E.14.b (row 283)			
MCM-2 Public Participation and Involvement								
2-2.a	Provide financial support and 40 hours staffing for Coastal Cleanup Day (note: discontinue 40 hours staffing, row 91)	n/a (E.8.ii.c) (rows 90,91)	2-1.d	Hold Annual Workshop #1 on a specific topic to target audience	n/a (E.7.a) (row 53)	2-1.a	Post draft Annual Report one month prior to holding workshop #2	n/a (E.16) (row 296)
2-2.b	Recruit municipal volunteers for Coastal Cleanup Day, tracking report	n/a (E.8.ii.c) (row 92)	2-1.e	Solicit stakeholder participation and track public participation	E.7.a. ii.e (row 47)	2-1.b	Hold annual workshop #1 in the spring of Permit Year 1	n/a (E.7.a) (row 52)
2-2.c	Storm Drain stenciling - 5-10% of inlets stenciled	n/a E.8. ii.c (row 93)				2-1.c	Hold Annual Workshop #2 in the fall	n/a (E.16) (row 297)

Appendix to 2013 Monterey Regional Guidance Document

CONTINUE IMPLEMENTATION MORE PROTECTIVE (Maintain Existing BMP)			CONTINUE IMPLEMENTATION EQUIVALENT (Implement New Permit Element)			DISCONTINUE IMPLEMENTATION MORE PROTECTIVE, LESS EFFECTIVE (Discontinue Existing BMP)		
2-2.d (part 1, p. 10- 12)	Provide financial support for local stormwater quality organizations / events	n/a (E.8.ii.c) (row 94)				2-2.d (part 4, p. 16)	Perform study on sea otter mortality (completed)	n/a (E.13.d.2) (rows 265, 266)
2-2.d (parts 2 and 3, p. 13- 15)	Source Tracking for Outfalls - public participation programs (First Flush, Urban Watch)	n/a E.8. ii.c (rows 95, 96)						
2-3.a	MRSWMP Group to participate in Citizen Watershed Monitoring Network	n/a (E.8.ii.c) (row 97)						
MCM-3 Illicit Discharge Detection and Elimination								
3-1.b	Publish Stormwater hotline number on educational materials	E.7.a. ii.h (row 49)	3-1.a	Create and maintain emergency hotline for illicit discharges (9-1-1) (completed)	E.7.a. ii.h (row 48)			
3-4.a	Adopt a stormwater ordinance	E.6.a. ii.a (row 26)	3-1.c	Take action on 100% of reported illicit discharges	E.9.d. ii.e (row 120)			
3-5.a	Conduct annual inspections at campgrounds, RV parks, marinas NOTE: Continue annual boat marina inspections; discontinue annual campground and RV Park inspections.	n/a E.9.b. ii.e (row 110)	3-2.a	Prepare storm drain system maps	E.9.a. I (row 102)			
			3-2.b	Update storm drain system maps annually	E.9.a. I (row 103)			

Appendix to 2013 Monterey Regional Guidance Document

CONTINUE IMPLEMENTATION MORE PROTECTIVE (Maintain Existing BMP)			CONTINUE IMPLEMENTATION EQUIVALENT (Implement New Permit Element)		DISCONTINUE IMPLEMENTATION MORE PROTECTIVE, LESS EFFECTIVE (Discontinue Existing BMP)		
			3-3.a	Train inspectors to perform stormwater inspections	E.7.b.2. a.ii.b (row 66)		
			3-3.b	Perform business stormwater inspections - once in 5-yr permit term	n/a E.9.b. ii.e (row 109)		
			3-3.c	Create and maintain 9-1-1 hotline for illicit connections (completed)	E.7.a. ii.h (row 50)		
			3-3.e	Perform source tracking of hot spot manholes	E.9.d. i (row 118)		
			3-4.b	Train staff on stormwater ordinance	E.7.b.3. ii (row 79)		
			3-4.c	Implement stormwater ordinance	E.6.b. I (row 30)		
			3-6.a	Educate the public on IDDE	E.7.a. ii.k (row 51)		
			3-7.a	Develop waste load allocation plan (WAAP) for Pajaro River fecal coliform TMDL	E.15.c (row 289)		
MCM-4 Construction Site Stormwater Runoff Control							
4-1.a	Adopt a construction site stormwater control ordinance	E.10 (row 130)	4-2.a	Train municipal staff on Construction site plan review	E.7.b.2. a.ii.a (row 67)		
4-3.c	Hold annual meeting of construction site inspectors	n/a E.10.c (row 145)	4-2.b	Review all construction site plans for compliance	E.10.b. ii.a (row 138)		

Appendix to 2013 Monterey Regional Guidance Document

CONTINUE IMPLEMENTATION MORE PROTECTIVE (Maintain Existing BMP)			CONTINUE IMPLEMENTATION EQUIVALENT (Implement New Permit Element)			DISCONTINUE IMPLEMENTATION MORE PROTECTIVE, LESS EFFECTIVE (Discontinue Existing BMP)		
			4-3.a	Train municipal staff on Construction site inspections	E.7.b.2. a.ii.b (row 68)			
			4-3.b	Perform construction site inspections	E.10.c. ii (row 144)			
			4-4.a	Investigate all reports of construction site pollution	E.9.d. ii (row 121)			
			4-4.b	Provide or sponsor two educational programs annually to educate construction firms	E.7.b.2. b.ii (row 74)			
MCM-5 Post Construction Stormwater Management for New Development and Redevelopment Projects								
5-4.b	Modify / create enforceable mechanisms for effective hydromod control and LID implementation (through 3/05/2014)	E.10 (row 131)	5-1.a	Adopt a stormwater ordinance	E.6.a. ii.a (row 27)	5-5.a	Develop municipality-specific hydromod criteria (completed)	n/a PCR.B (row 244)
5-4.c	Apply hydromod and LID requirements to all applicable projects (through 3/05/2014)	PCR.B. 1.c (row 243)	5-2.a	Train appropriate staff on PCR plan reviews and site inspections	E.7.b.2. a.ii (row 69)	5-6.a	Select applicability thresholds for hydromod standards (completed)	n/a PCR.B (row 245)
5-7.a	Make Interim LID BMP guidance available through 3/05/2014	n/a E.7.a. ii.c (row 45)	5-2.b	Review 100% of applicable site plans for PCR compliance	PCR.B. 1.c (row 242)			
5-7.b	Develop hydromod and LID guidance for project Applicants (through 3/05/2014)	n/a E.7.a. ii.c (row 46)	5-3.a	Perform PCR site inspections / annual certification or inspections	PCR.E. 3.g (row 255)			

Appendix to 2013 Monterey Regional Guidance Document

CONTINUE IMPLEMENTATION MORE PROTECTIVE (Maintain Existing BMP)			CONTINUE IMPLEMENTATION EQUIVALENT (Implement New Permit Element)			DISCONTINUE IMPLEMENTATION MORE PROTECTIVE, LESS EFFECTIVE (Discontinue Existing BMP)		
5-7.c	Document LID/hydromodification education and outreach activities (through 3/05/2014)	n/a E.7.a. iii (row 54)	5-3.b	Take action against all violators of PCR's, Stormwater Ordinance	E.10.c. I (row 142)			
5-7.d	Create tracking report of outreach efforts addressing LID and hydromod control (through 3/05/2014)	n/a E.7.a. iii (row 55)	5-4.a	Perform code analysis (Gap Analysis - completed)	E.12.j. ii.a (row 234)			
5-7.e	Ensure LID applied to all applicable projects (through 3/05/2014)	PCR.B. 1.c (row 246)						
5-7.f	Create tracking report of LID design features employed in new projects (through 3/05/14)	PCR.E. 3.b (row 256)						
MCM-6 Stormwater Pollution Prevention / Good Housekeeping for Municipal Operations								
6-5.a	De-chlorinate swimming pool discharges (similar to hydrant flushing E.11.h(ii)a.8)	E.11.h. ii.a.8 (row 196)	6-1.a	Train municipal staff on stormwater pollution prevention	E.7.b.3. ii (row 80)	6-3.b	Document used oil and used oil filter disposal in Annual Report	n/a E.11.h. ii.c (row 199)
6-6.a	Conduct street sweeping in accordance with schedules in Appendix E	n/a E.11.g. ii.b (row 187)	6-2.a	Promptly correct hazardous material inspection deficiencies	E.11.e. ii.b (row 168)	6-4.a (2)	Minimize irrigation runoff from 80% of municipal sites	n/a E.11.j.i (row 216)
6-7.a	Perform vehicle maintenance in a designated area (E.11.h(ii)c)	E.11.h. ii.c (row 200)	6-3.a	Train municipal staff on used oil and used oil filter disposal	E.7.b.3. ii (row 81)	6-4.a (3)	Ensure 90% of sprinkler inventory is operational	n/a E.11.j.i (row 217)
6-7.b	Perform vehicle maintenance indoors or under covered area (E.11.h(ii)c)	E.11.h. ii.c (row 201)	6-4.a (1)	Train municipal staff on landscaping and lawn care activities	E.7.b.3. ii (row 82)	6-6.b	Perform an analysis on street sweeping sediment	n/a E.11.f.ii (row 177)

Appendix to 2013 Monterey Regional Guidance Document

CONTINUE IMPLEMENTATION MORE PROTECTIVE (Maintain Existing BMP)			CONTINUE IMPLEMENTATION EQUIVALENT (Implement New Permit Element)			DISCONTINUE IMPLEMENTATION MORE PROTECTIVE, LESS EFFECTIVE (Discontinue Existing BMP)		
6-7.c	Install oil/water separators at vehicle yard/maintenance facility	E.11.h. ii.c (row 202)	6-4.b	Do not apply pesticides when $\geq 20\%$ chance of rain within 24 hours (E.11j: $\geq 50\%$ chance of rain within 48 hours)	E.11.j. ii.b.2.f (row 220)	6-10.f	Perform an analysis of sediment from catch basin cleanings	n/a E.11.f.ii (row 178)
6-7.d	Stencil corporation yard inlets (completed)	E.11.h. ii.c (row 203)	6-7.e	Inspect vehicle repair facility annually, correct deficiencies noted	E.11.e. ii.b (row 169)			
6-7.f	Store vehicle maintenance materials and wastes under cover	E.11.h. ii.c (row 204)	6-7.g	Train employees repairing vehicles on pollution prevention techniques	E.7.b.3. ii (row 83)			
6-10.a	Stencil catch basins and inlets	E.11.h. ii.c (row 205)	6-8.a	Train municipal employees on vehicle washing techniques	E.7.b.3. ii (row 84)			
6-10.c	Clean and repair hotspot catch basins annually by Nov 1	E.11.g. ii.b (row 189)	6-8.b	Use checklist to inspect vehicle washing facility annually; correct deficiencies noted	E.11.e. ii.b (row 170)			
6-10.d	Re-inspect high priority catch basins during rainy season	E.11.g. ii.d (row 190)	6-9.a	Require pollution prevention BMPs on municipal (capital) projects and in municipal contracts (E.7.b.3 (ii).c)	E.7.b.3. ii.c (row 85)			
6-11.a	Inspect municipal trash enclosures regularly	E.11.h. ii.c (row 206)	6-10.b	Inspect hotspot catch basins annually prior to rainy season, clean as necessary	E.11.g. ii.a (row 188)			
6-11.b	Inspect and clean parks regularly	E.11.h. ii.c (row 207)	6-10.e	Document storm drain inspections and cleanings	E.11.g. iii (row 192)			

MRSWMP BMP Descriptions and Measurable Goals

The Monterey Regional Storm Water Management Program was created in 2003 to implement and enforce the Best Management Practices (BMPs) that were developed to reduce the discharge of pollutants from the municipal separate storm sewer systems (MS4s) of the Program's Participants. Renewal Permittees, MRSWMP Participants, implemented the Best Management Practices (BMPs) that were spelled out in the first-term Phase II Municipal General Permit (WQO 2003-0005-DWQ) and MRSWMP document. Under the second-term Phase II Municipal General Permit (WQO 2013-0001-DWQ), any activity that a Renewal Permittee is currently performing that is more protective of water quality than the minimum requirements established by the second-term Order must continue to be implemented (Finding No. 32).

The following tables include information taken directly from the Monterey Regional Stormwater Management Program document, last revised June 23, 2011.

Table 2 contains the BMPs that will continue to be implemented into the second Permit term, currently scheduled to expire on June 30, 2018.

Table 2A contains additional information that further defines specific program elements that will continue to be carried out through the second Permit term. This information was taken directly from Appendix E of the MRSWMP Document.

Table 3 contains a list of the management practices that have been determined to be equivalent to new program elements. New program elements will be implemented, superseding the older program elements; they have been included here primarily to document the former program elements.

Appendix to 2013 Monterey Regional Guidance Document

The following table presents the Best Management Practices (BMPs) from the first Municipal Permit that are being carried over into the second Permit term. These elements are more protective of water quality than the requirements of the 2013 Phase II Small MS4 General Permit (Water Quality Order 2013-0001-DWQ, Finding 32, page 9) and will continue to be implemented into the second Permit term.

Table 2 – Monterey Regional Storm Water Management Program (Table 4-1)
More Protective MRSWMP Program Elements – to remain in effect

Source: Table 4-1, Monterey Regional Stormwater Management Program, Revised June 23, 2011

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
	<i>MCM-1</i>	<i>Public Education and Outreach</i>	See additional information on MCM 1 on page 4 of this Appendix
		<i>MCM-2</i>	<i>Public Participation and Involvement</i>
<u>BMP 2-2.a</u>	E.8.ii.c	Provide financial sponsorship support for Annual Coastal Cleanup Day in Monterey County or other local beach cleanup events. Event to be chosen by MRSWMP Group.	Annual financial sponsorship of up to \$500 to cover expenses not covered by sponsors. Provide staffing that amounts to 40 hours for coordinating this event.

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<u>BMP 2-2.b</u>	E.8.ii.c	Recruit volunteers through municipal employee base and through advertising for Annual Coastal Clean Up Day or other local cleanup efforts.	<p><u>Each Permittee</u> to recruit volunteers through two separate agency channels; e.g. email, paycheck stuffers, internal newsletters, etc.</p> <p>Track recruitment efforts and event support.</p> <p><u>MRSWMP Group:</u></p> <p>Track financial support, and include a tabulation of total number of event participants and volume of waste collected in the Annual Reports for the indicated years.</p> <p>Air radio advertising before the event to encourage public participation</p>

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<u>BMP 2-2.c</u>	E.8.ii.c	Provide support for, or assistance with, storm drain stenciling through providing supplies, volunteer recruitment, and staff labor.	<p>Utilization of 100 hours of staff time through “Save the Whales” nonprofit organization to recruit college and civic organizations for stenciling events.</p> <p>Explore additional partnerships and encourage civic organizations to adopt storm drains to maintain stenciling.</p> <p>Provide stenciling equipment, supplies, and maps of inlets to be stenciled, and complete a minimum of 300 drains and tabulate areas stenciled. Percent of all entities completed per year will be approximately 5-10%.</p>

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<u>BMP 2-2.d</u> <u>(part 1)</u>	E.8.ii.c	Provide financial support for, or assistance with, volunteer monitoring programs and public participation events such as: Urban Watch, First Flush, Snapshot Day, and Walk N’ Talk Days:	<p>Provide \$13,000 annual contribution for Urban Watch for professional staffing, equipment, lab analysis, and report writing.</p> <p>Provide \$3,000 annual contribution for First Flush for professional staffing, equipment, lab analysis, and report writing.</p> <p>Provide \$1,000 annual contribution for Snapshot Day for professional staffing, equipment, lab analysis, and report writing.</p> <p>Provide \$1,500 annually for Urban Watch for print ads to recruit volunteers.</p> <p>Purchase \$7,000 annually for radio ads to promote participation in First Flush.</p> <p>Provide \$1,500 annually for First Flush for print ads to recruit volunteers.</p> <p>Provide \$500 annually for Snap Shot Day for print ads to recruit volunteers.</p> <p>Provide \$300 to \$500 annually for Walk N’ Talk to garner public participation and a co-host representative for each event.</p>

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<p><u>BMP 2-2.d</u> <u>(parts 2, 3)</u></p>	<p>E.8.ii.c</p>	<p>Prioritize Pollutants of Concern (see under the heading titled “Selection of BMPs and Measurable Goals” of Section 4 of the MRSWMP monitoring) data; conduct source tracking using upstream monitoring for the highest priority pollutants and use this to identify probable sources under Minimum Control Measure No. 3 and take appropriate corrective actions in accordance with BMPs 3-3.d and 3-4.a.</p> <p>Within the MRSWMP area, the First Flush and Urban Watch monitoring programs will be expanded to include the following:</p> <p>Outfalls which receive drainage from commercial, industrial, or residential areas which meet the following criteria:</p> <ul style="list-style-type: none"> (1) are over 18” in diameter, and (2) are safe for volunteers/staff to access, including those that discharge to a 303(d) listed water body <p>Conduct monitoring on these additional outfalls for a similar set of constituents as are monitored under the Urban Watch and First Flush Programs.</p> <p>Monterey County will focus on 303(d) listed water bodies in Year 2, and will expand into the other water bodies over the remaining permit term.</p>	<p>In each of the indicated years, perform source tracking on the two highest priority pollutants of concern on a minimum of one outfall, and report on findings and actions taken in the Annual Reports for each of the indicated years.</p> <p>A minimum of 25% of all outfalls within the MRSWMP area will be monitored four times a year in each of the indicated years. Representative samples will be collected to account for seasonal variation. The results will be included in the Annual Reports for those years.</p> <p>A minimum of 25% of all outfalls within the MRSWMP area will be monitored four times a year in each of the indicated years. Representative samples will be collected to account for seasonal variation. The results will be included in the Annual Reports for those years.</p> <p><u>NOTE (2013):</u> When the outfall monitoring program was designed in 2003, ‘outfalls’ referred only to ocean outfalls. At its inception, a total of 23 outfalls were monitored under the MRSWMP program; this number was reduced in 2012 as the ASBS Regional Monitoring Program went into effect to account for redundancies between both programs.</p>

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<u>BMP 2-3.a</u>	E.8.ii.c	A representative from the MRSWMP group will become an active participant in the Citizen Watershed Monitoring Network.	100% of Watershed Monitoring Network meetings to be attended annually by a representative of the MRSWMP group.
<i>MCM-3 Illicit Discharge Detection and Elimination</i>			
<u>BMP 3-1.b</u>	E.7.a.ii.h	Advertise the Hotline call-in number on MRSWMP generated-media, MontereySEA website and educational materials	Advertised on a minimum of 8 different media pieces:4 in English, 4 in Spanish
<u>BMP 3-4.a</u>	E.6.a.ii.a	Using the guidance document pertaining to illicit connections and illegal discharges and model stormwater ordinance in MRSWMP Appendix E, each Participating Entity will adopt a storm water ordinance revised to be specific to each entity’s needs through appropriate governing body procedures.	Date ordinance implemented (implemented within 3 months of permit coverage for all entities except Monterey County, which will implement within 6 months of permit coverage)
<u>BMP 3-5.a</u>	E.9.b.ii.e	Using the “Inventory of campgrounds, RV parks and boat marinas” and the Business inspection checklists for these facilities contained in MRSWMP Appendix E, inspect each RV park, campground, and boat marina annually, and take action to correct any observed violations of the discharge ordinance.	Continue annual boat marina inspections; discontinue annual campground and RV Park inspections. Status of Inspections reported in Annual Report each year
<i>MCM-4 Construction Site Stormwater Runoff Control</i>			
<u>BMP 4-1.a</u>	E.10	Using the Guidance Document for Policies and Procedures pertaining to Construction Sites and the Model Stormwater Ordinance contained in MRSWMP Appendix E, each Participating Entity will adopt a storm water ordinance revised to be specific to each entity’s needs through appropriate governing body procedures	Date ordinance implemented (implemented within 3 months of permit coverage for all entities except Monterey County, which will implement within 6 months of permit coverage)

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<u>BMP 4-3.c</u>	E.10.c	Annual meeting held of all construction inspectors from all participating entities prior to the start of rainy season to discuss and share ideas regarding construction site BMPs.	80% of construction inspectors from each municipality in attendance
<i>MCM-5 Post Construction Stormwater Management in New Development and Redevelopment</i>			
<u>BMP 5-4.b</u>	E.10	Modify enforceable mechanisms to eliminate regulatory conflicts and provide effective implementation of hydromod and LID in new and redevelopment projects.	Approved new and/or modified enforceable mechanisms that effectively resolve regulatory conflicts and implement hydromodification controls and LID in new and redevelopment projects.
<u>BMP 5-4.c</u>	PCR B.1.c	Implement hydromodification controls and LID for all applicable new and redevelopment projects.	Apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects.
<u>BMP 5-7.a</u>	E.7.a.ii.c	Make LID BMP Design Guidance available for all stakeholders.	Develop, advertise and make available LID BMP Design Guidance suitable for all stakeholders.
<u>BMP 5-7.b</u>	E.7.a.ii.c	Develop guidance for achieving compliance with hydromod control criteria and LID requirements for project applicants.	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

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<u>BMP 5-7.c</u>	E.7.a.iii	Provide appropriate education and outreach for all applicable target audiences, including specific guidance for LID BMP design and compliance with hydromod control criteria.	Conduct education and outreach per the goals, schedules, and target audiences developed-in support of: enforceable mechanisms, hydromodification control criteria, applicability thresholds, LID BMP design, and compliance with LID and hydromodification control criteria.
<u>BMP 5-7.d</u>	E.7.a.iii	Create and maintain a tracking report indicating education and outreach program activities addressing LID and hydromod control implementation.	Tracking report indicating municipality’s accomplishments in education and outreach supporting implementation of LID and hydromodification control for new and redevelopment projects.
<u>BMP 5-7.e</u>	PCR B.1.c	Implement procedures for the permit application review process to ensure LID applied to 100% of all applicable new development and redevelopment projects.	Apply LID principles and features to all applicable new and redevelopment projects.
<u>BMP 5-7.f</u>	PCR E.3.b	Develop and maintain tracking report for use during the permit application review process that lists LID design principles and features that are incorporated into each applicable new and redevelopment project.	Tracking report, for the period 1/1/11 to 3/5/14, identifying LID design principles and features incorporated into each applicable new and redevelopment project.
MCM-6		<i>Pollution Prevention / Good Housekeeping for Municipal Operations</i>	
<u>BMP 6-5.a</u>	E.11.h. ii.a.8	Use the “Procedures for proper discharge of water from swimming pools” contained in MRSWMP Appendix E for the proper disposal of swimming pool water.	Pool water dechlorinated and/or debrominated prior to discharge to storm drain system 100% of the time

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<u>BMP 6-6.a</u>	E.11.g.ii.b	Conduct sweeping on a regular basis in accordance with the “Sweeping and Cleaning” programs contained in MRSWMP Appendix E.	100% of Sweeping in each MS4 performed in accordance with the MS4’s Plan
<u>BMP 6-7.a</u>	E.11.h.ii.c	Provide designated area for all vehicle maintenance	100% of MS4s have designated area for vehicle maintenance
<u>BMP 6-7.b</u>	E.11.h.ii.c	Conduct maintenance and repair activities indoors or under a covered area whenever possible	100% maintenance and repair activities conducted indoors or under a covered area whenever possible
<u>BMP 6-7.c</u>	E.11.h.ii.c	Install oil separators in municipal vehicle yards as necessary and required.	Oil separators added to yards as needed.
<u>BMP 6-7.d</u>	E.11.h.ii.c	Stencil all storm drain inlets in municipal corporation yard areas	100% of storm drain inlets in corporate yard stenciled by end of Year 1 and any new inlets which may be created stenciled immediately after being built. Stenciling redone in Year 5, if necessary.
<u>BMP 6-7.f</u>	E.11.h.ii.c	Store materials and wastes under cover whenever possible	100% of materials stored under cover whenever possible
<u>BMP 6-10.a</u>	E.11.h.ii.c	Stencil catch basins and inlets as needed as prevention measure	Stenciling is covered under BMP 2-2.c
<u>BMP 6-10.c</u>	E.11.g.ii.b	Clean and repair “hot spot” catch basins & inlets and piping as identified through inspections prior to November 1st annually,	By November 1st annually, address cleaning and repair needs of “hot spot” catch basins & inlets & piping as identified during inspections.
<u>BMP 6-10.d</u>	E.11.g.ii.d	Re-inspect identified problem areas for debris accumulation during wet season and perform additional cleaning if necessary	Re-inspect 100% of problem areas and clean if necessary.

Appendix to 2013 Monterey Regional Guidance Document

More Protective MRSWMP Program Elements – to remain in effect			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<u>BMP 6-11.a</u>	E.11.h.ii.c	Regularly inspect and clean municipal facility trash enclosures	100% of trash enclosures inspected and cleaned per the “Sweeping and Cleaning” program described in MRSWMP Appendix E.
<u>BMP 6-11.b</u>	E.11.h.ii.c	Regularly inspect and clean parks	100% of parks & park trash enclosures inspected and cleaned per the “Sweeping and Cleaning” program described in MRSWMP Appendix E.
Total:	31 BMPs	To remain in effect – more protective than new Phase II Small MS4 General Permit (WQO 2013-0001-DWQ)	

Table 2A – Monterey Regional Storm Water Management Program (Appendix E)
Additional Information on Specific Program Elements

The following tables contain information that the Traditional Renewal Permittees of the Monterey Regional Storm Water Management Program are currently performing and will continue to perform into the second Permit term. This information was originally presented in Appendix E of the MRSWMP document and supplements the information presented in Table 2.

In Table 2A, blue text indicates information taken directly from the 2003 MRSWMP document; black text indicates current information (2013) that has been added for clarity.

BMP 6-6.a - Street Sweeping:

Street sweeping schedules are established for each Participating Entity. Sweeping frequencies are set as appropriate to traffic and field observations. Educational efforts will be made each permit year to encourage community cooperation with schedules and to convey the importance of street sweeping. Print ads and website information will also be used to notify residents of the street sweeping schedules.

Equipment will be maintained and cleaned with drainage to a sanitary sewer.

Street sweepings will be disposed of at the landfills and not left in piles along roads.

Major collectors are swept before major storms.

(2013 Street Sweeping Schedules for each of the Permittees are located on the following page.)

Permittees' Street Sweeping Schedules (2013):

City of Carmel-by-the-Sea

Location	Sweeping Frequency
Downtown Area	Two times per week
Residential Areas	Ten times per month
Scenic Rd & Del Mar Av.	Six times per month

City of Del Rey Oaks

Location	Sweeping Frequency
All Residential Areas	One time per month

City of Monterey

Location	Sweeping Frequency
Business District and Cannery Row	Five times per week
Residential Areas	Two times per month

City of Pacific Grove

Location	Sweeping Frequency
Downtown Area	Two times per week
Downtown Main Streets	One time per week
Residential Areas	One time per month

City of Sand City

Location	Sweeping Frequency
All Areas	One time per week

City of Seaside

Location	Sweeping Frequency
All Areas	Two times per month

County of Monterey

Location	Sweeping Frequency
All Streets in the Urbanized Area	Two times per year

Appendix to 2013 Monterey Regional Guidance Document

BMP 6-10.b – Hot Spot Catch Basin Inspections and Cleanings

BMP 6-10.c – Hot Spot Catch Basin Cleanings and Repairs prior to November 1 annually

BMP 6-10.d – Reinspection and cleaning of problem areas throughout the rainy season

Notes: The following table was presented in the 2003 MRSWMP Document. It is included here for historical reference of each Permittee’s responsibility under the 2003 Permit. Section E.9.a of the 2013 Permit requires an annual assessment of the Permittee’s priority area.

Note also that the term “hot spots” used in the 2003 MRSWMP document corresponds to the term “high priority storm drain system” used in E.11.f of the 2013 Permit and “priority areas” used in E.9.a. The term “hot spots” in the 2013 Permit occurs only in reference to Permittee-owned and operated facilities (E.11.c)

ENTITY	DESIGNATED “HOT SPOT*” AREAS WITHIN WHICH CATCH BASINS AND INLETS WILL BE INSPECTED ANNUALLY PRIOR TO THE RAINY SEASON, AND CLEANED AS NECESSARY
Pacific Grove	The Downtown district of Pacific Grove, bounded by Congress Avenue, Central Avenue, Pine Avenue, and 13 th Street.
Monterey	New Monterey/Lighthouse business district bounded by Lighthouse Ave, Cannery Row, David Avenue and Reeside Avenue. For the Downtown district of Monterey, the boundaries are Calle Principal, Washington, Del Monte Avenue and Pearl Street.
Seaside	The major downtown streets of Seaside consisting of: <ul style="list-style-type: none"> • Broadway Avenue between Noche Buena Street and Del Monte Boulevard • Del Monte Boulevard between Canyon Del Rey and Fremont Boulevard, and • Fremont Boulevard between Canyon Del Rey and Del Monte Boulevard
Sand City	The City of Sand City does not have a hot spot list, because storm water runoff from the two commercial zones (shopping centers) where high levels of trash are generated flows into interceptors and is then percolated, not discharged to a receiving water body. The storm drainage systems within these shopping centers are privately owned, and sweeping of the parking areas and maintenance of their stormwater interceptors is done by contract with private firms.
Del Rey Oaks	The City of Del Rey Oaks does not have a hot spot list, because storm water runoff from the commercial zones (shopping centers) where high levels of trash are generated are privately owned, and sweeping of the parking areas is done by contract with private firms. Catch basins are cleaned as needed if sediments or debris restrict hydraulic capacity.
Marina	The City of Marina does not have a hot spot list. Catch basins are cleaned as needed if sediments or debris restrict hydraulic capacity.
Monterey County	The County of Monterey does not have a hot spot list. Catch basins are checked and cleaned in Spring and Fall and as needed in between.
Carmel-by-the-Sea	The Downtown district of Carmel-by-the-Sea, bounded by Junipero Avenue, Monte Verde Avenue, 5 th Avenue, and 8 th Avenue.

* “Hot-Spot” areas are commercial zones where there is high pedestrian traffic which typically generates high levels of trash or other areas that have a reasonable potential of collecting pollution and discharging contaminants to sensitive water bodies. Throughout the “hot-spot” areas, all catch basins will be inspected prior to the beginning of the rain year, and if trash accumulations of more than two inches exist, the catch basin will be cleaned.

BMP6-11.a – Municipal Trash Enclosure Inspections

Trash Enclosure Cleaning

All new trash enclosures that serve municipal buildings in which food service is provided are to include a drain to the sanitary sewer and a hose bib readily available. All food wastes and food debris is to be picked up as much as possible. All remaining food wastes are to be hosed and scrubbed within the trash enclosure with the wastes directed to the sanitary sewer drain. All trash enclosures at municipal facilities where trash does not include food wastes are to be inspected each time the trash and/or recyclables are removed. All stray trash that is left after the disposal service has emptied the containers is to be picked up immediately before the wind can spread the debris.

BMP 6-11.b – Municipal Park Inspections and Cleanings

Park Cleaning

All municipal parks are to be inspected five days a week. All trash containers are to be emptied on a frequent enough basis to ensure that they do not become overfilled. All trash that is left within the park grounds is to be picked up within the day unless on a weekend, in which case it is to be removed on the following Monday. For parks that exhibit high levels of littering (more than ten pounds per day per acre), trash intercepting devices are to be installed in the storm drain catch basins.

Parking Lot Cleaning

All municipal parking structures and municipal surface parking lots are to be inspected for trash and debris at least weekly. All trash is to be picked up and removed. For lots or structures where there are more than 150 spaces, the lot or structure is to be cleaned at least once a week regardless of inspections. Cleaning is to be done by a combination of blowers and sweepers; brooms or some other method that does not wash or convey the debris into the storm drain system. Exceptions may be made when there is an effective treatment system installed in the storm drain system serving the lot or structure.

Appendix to 2013 Monterey Regional Guidance Document

Table 3 – Monterey Regional Storm Water Management Program (Table 4-1)
Equivalent Program Elements – to be replaced by new Phase II Permit Elements

Source: Table 4-1, Monterey Regional Stormwater Management Program, Revised June 23, 2011

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
	<i>MCM-1</i>	<i>Public Education and Outreach</i>	See additional information on MCM 1 on page 4 of this Appendix
<i>BMP 1-1.a</i>	<u>E.7.a</u>	<i>Implement the Comprehensive Public Education & Outreach Program contained in MRSWMP Appendix E</i>	<i>See MRSWMP Appendix E for listing of Measurable Goals</i>
<i>BMP 1-1.b</i>	<u>E.7.a</u>	<i>Review & revise “Year 1 Public Education & Outreach Plan” to maximize efficiency in audiences reached, and address current contaminants impacting water quality. Changes will be based on input from the public, volunteer monitoring network data, and contaminants of concern. The revised Plans will be implemented in each of Years 2 through 5.</i>	<i>The updated Measurable Goals will be included each year in the revised Public Education and Outreach Program, which is submitted as part of the Annual Report.</i>
	<i>MCM-2</i>	<i>Public Participation and Involvement</i>	

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements

Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<i>BMP 2-1.d</i>	<u>E.7.a</u>	<i>Hold Workshop #1 Workshop #1 annually in the spring in Years 2-5; workshop will focus on a specific target audience and associated contaminants of concern. Topic/audience will be chosen each year based on historical contaminants of concern for industries common to permit jurisdiction area, volunteer monitoring network data, and MRSWMP outfall monitoring data. Topic/ audience of workshop not chosen the prior year Priority will be given to the Inventory of Businesses to be Inspected contained in MRSWMP Appendix E.</i>	<p><i>40 participants per workshop</i></p> <p><i>Outreach to at least 80% of target audience through “mailings” (email blasts, hardcopy mailings, newsletters, etc)</i></p>
<i>BMP 2-1.e</i>	<u>E.7.a.ii.e</u>	<i>Implement Stakeholder Participation Plan to encourage general public and Stakeholder involvement at Annual Workshops, monthly Management Committee meetings, and other public events.</i>	<ul style="list-style-type: none"> <i>- Notice of Annual Report posting, annual MRSWMP workshops, monthly meetings, and public events sent to stakeholders on Interested Parties List.</i> <i>- Track stakeholder participation (i.e. attendance at monthly meetings, feedback received, revisions made to MRSWMP based on stakeholder feedback) and report each year in Annual Report.</i> <i>- Attendance at all MRSWMP workshops, meetings, and public events increases annually.</i>
MCM-3		<i>Illicit Discharge Detection and Elimination</i>	
<i>BMP 3-1.a</i>	<u>E.7.a.ii.h</u>	<i>Maintain a hotline for the public to report illicit discharges.</i>	<i>Hotline functioning for all MRSWMP jurisdictional areas.</i>

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements

Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
BMP 3-1.c	<u>E.9.d.ii.e</u>	<i>Using the “Protocol for responding to reports of illegal discharges and illicit connections” and the “Protocol for taking action against violators” contained in MRSWMP Appendix E and the enforcement provisions of the appropriate MS4 storm water ordinance. Investigate and take appropriate action on each report of illicit discharge that is received.</i>	<i>100% of all reports of illicit discharge investigated and report on outcome of each case in the form of “closed”, “ongoing enforcement”, or “still investigating source”.</i>
BMP 3-2.a	<u>E.9.a.i</u>	<i>Complete preparation of the storm drainage system maps, showing the location of all outfalls discharging to waters of the state and other MS4s that receive discharges from those outfalls</i>	<i>Each Participating Entity to complete its mapping by end of Year 1, except Monterey County which will complete its mapping by end of Year 3</i>
BMP 3-2.b	<u>E.9.a.i</u>	<i>Update the outfall map annually to include new facilities as appropriate.</i>	<i>Include updated map, if applicable, in the Annual Reports.</i>
BMP 3-3.a	<u>E.7.b.2.a.ii.b</u>	<i>Using the training materials contained on pages F-2 through F-7 of MRSWMP Appendix F, train inspection personnel and other municipal staff, and obtain resources necessary to inspect businesses.</i>	<i>Sufficient personnel trained and prepared to perform inspections beginning in Year Two</i>

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements

Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
BMP 3-3.b	E.9.b.ii.e	Using the “Inventory of businesses to be inspected” and the “Business inspection checklists contained in MRSWMP Appendix E, prioritize the businesses to be inspected, and perform compliance inspections on these businesses to identify illicit connections and illegal discharges and take action to correct any observed violations of the storm water ordinance. Discharges to Environmentally Sensitive Areas, discharges to Areas of Special Biological Significance, restaurants/fast food chains, auto repair shops, and gas stations will receive top prioritization in scheduling these inspections.	<p>- 100% of businesses listed in the Business Inventories inspected by the end of the permit term.</p> <p>- Status of Business Inspections reported in Annual Report each year</p>
BMP 3-3.c	<u>E.7.a.ii.h</u>	Create hotline for public reporting of illicit connections	See BMP 3-1.a
BMP 3-3.e	<u>E.9.d.i</u>	Perform source tracking of manholes in the “Designated Hot Spot areas” listed in MRSWMP Appendix E to determine source of pollutants	Inspect 100% of the confluent manholes in the “Designated Hot Spot areas” listed in MRSWMP Appendix E annually, and carry out source tracking procedures described in “Guidance document for policies and procedures pertaining to illicit connections and illegal discharges to storm water systems” in MRSWMP Appendix E as appropriate.
BMP 3-4.b	<u>E.7.b.3.ii</u>	Train appropriate staff on the adopted ordinance	100 % of existing appropriate staff trained by Year 2, then all appropriate new employees every year after that
BMP 3-4.c	<u>E.6.b.i</u>	Implement ordinance	Date ordinance implemented

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements

Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
BMP 3-6.a	<u>E.7.a.ii.k</u>	Implement a permit boundary-wide education program addressing the negative effects on water quality through illegal discharges, improper waste disposal and other non-storm water discharges.	Summary of methods used to educate the public about the impacts of illegal discharges and improper waste disposal to be included in the Annual Reports.
BMP 3-7.a	<u>E.15.c</u>	Develop a watershed-specific Wasteload Allocation Attainment program to control fecal coliform concentrations in urban runoff due to stormwater, domestic animal waste and/or human fecal material discharges that enter the Pajaro River.	Wasteload Allocation Attainment Program for the applicable areas within Monterey County implemented by July 12, 2011 to meet the Pajaro River watershed fecal coliform TMDL.
MCM-4		Construction Site Stormwater Runoff Control	
BMP 4-2.a	<u>E.7.b.2.a.ii.a</u>	Train appropriate staff on the “Guidance Document for Policies and Procedures pertaining to Construction Sites” and the “Construction site plan review and inspection procedures” in MRSWMP Appendix E	100 % of existing appropriate staff trained by Year 2, then all new appropriate employees every year after that
BMP 4-2.b	<u>E.10.b.ii.a</u>	Use the “Construction Sites BMPs,” the “Guidance Document for Policies and Procedures Pertaining to Construction Sites” and the “Construction Site Plan Review and Inspection Procedures” contained in MRSWMP Appendix E when reviewing construction site plans	- 100% of appropriate construction site plans reviewed for compliance

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements

Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
BMP 4-3.a	<u>E.7.b.2.a.ii.b</u>	<p><i>Train appropriate staff on the construction site inspection procedures. Topics to be covered in this training will include:</i></p> <ol style="list-style-type: none"> <i>1. The Guidance Document for Policies and Procedures Pertaining to Construction Sites</i> <i>2. Construction Site Plan Review and Inspection Procedures</i> <i>3. Construction Site Inspection Reporting Checklists</i> 	<p><i>100 % of existing appropriate staff trained by Year 2, then all new appropriate employees every year after that, with periodic refresher training provided</i></p>
BMP 4-3.b	<u>E.10.c.ii</u>	<p><i>Using the "Guidance Document for Policies and Procedures Pertaining to Construction Sites," and the "Construction Site Plan Review and Inspection Procedures", contained in MRSWMP Appendix E, inspect the construction sites subject to the storm water ordinance and take appropriate enforcement action to have any observed violations corrected.</i></p>	<p><i>- 100% of applicable construction sites inspected in accordance with the "Construction Site Plan Review and Inspection Procedures", in MRSWMP Appendix E.</i></p> <p><i>- Violations noted and corrected; any enforcement actions taken in accordance with MS4 Ordinance documented.</i></p>
BMP 4-4.a	<u>E.9.d.ii</u>	<p><i>Use the procedures contained in the "Protocol for Responding to Reports of Illegal Discharges and Illicit Connections," in MRSWMP Appendix E to facilitate the receipt of, and the response to, reports from the public of storm water pollution from construction sites.</i></p>	<p><i>100% of all reports of construction site storm water pollution investigated;</i></p> <p><i>Report filed on outcome of each case in the form of "closed", "ongoing enforcement", or "still investigating source".</i></p>

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements

Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<i>BMP 4-4.b</i>	<u>E.7.b.2.</u> <u>b.ii</u>	<p><i>Twice per year, MRSWMP will assist with regional sponsorship of and/or present an educational program regarding prevention of storm water pollution from construction sites at construction contractor meetings, workshops or seminars. The program will cover the four guiding principles for controlling runoff from construction sites, which are included in the BMP Guidance Series:</i></p> <ul style="list-style-type: none"> • <i>Construction site planning</i> • <i>Minimization of soil movement</i> • <i>Capturing of Sediment</i> • <i>Good housekeeping practices</i> <p><i>At these presentations handouts will be distributed that provide participants with information on resources for construction site BMPs and instructions on where to access construction site permitting procedures.</i></p>	<i>Provide educational programs that reach at least 20 construction firms that do business in the permit coverage area each year.</i>
MCM-5 <i>Post Construction Stormwater Management in New Development and Redevelopment</i>			
<i>BMP 5-1.a</i>	<u>E.6.a.ii.a</u>	<i>Using the guidance document and model ordinance contained on pages E-84 through E-98 and E-137 through E-143 of MRSWMP Appendix E, each Participating Entity will adopt a storm water ordinance revised to be specific to each entity’s needs through appropriate governing body procedures.</i>	<i>Date ordinance implemented (implemented within 3 months of permit coverage for all entities except Monterey County, which will implement within 6 months of permit coverage</i>
<i>BMP 5-2.a</i>	<u>E.7.b.2.</u> <u>a.ii</u>	<i>Train appropriate staff on the “Development projects plan review and inspection procedures” contained in MRSWMP Appendix E</i>	<i>100% of existing appropriate staff trained by Year 2, then all new appropriate staff -trained within the 1st year of employment.</i>

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
<i>BMP 5-2.b</i>	<u>PCR B.1.c</u>	<i>Using the “Development projects plan review and inspection procedures” contained in MRSWMP Appendix E, review 100% of project plans subject to the post-construction requirements of the storm water ordinance for compliance with this ordinance during design and construction</i>	<i>- 100% of applicable project plans reviewed for compliance</i>
<i>BMP 5-3.a</i>	<u>PCR E.3.g</u>	<i>Use the “Post-Construction BMPs for New development and Redevelopment and the “Post-construction site inspection checklist” contained in MRSWMP Appendix E to inspect projects and/or require self-certification by owner following completion of construction.</i>	<i>100% of applicable sites inspected or self-certified by project owner</i>
<i>BMP 5-3.b</i>	<u>E.10.c.i</u>	<i>Using the “Protocol for taking action against violators of Municipal Stormwater Ordinance.” and the enforcement provisions of the each Permittee’s storm water ordinance, MS4 will enforce post-construction compliance with its storm water ordinance.</i>	<i>100% of identified post-construction ordinance violations taken to the enforcement process</i>
<i>BMP 5-4.a</i>	<u>E.12.j.ii.a</u>	<i>Conduct an analysis of all applicable codes, regulations, standards, and/or specifications to determine any modifications to be made to MS4 enforceable mechanisms.</i>	<i>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.</i>
MCM-6		<i>Pollution Prevention / Good Housekeeping for Municipal Operations</i>	

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements			
Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
BMP 6-1.a	<u>E.7.b.3.ii</u>	Using the training outline and materials contained in MRSWMP Appendix F, or similar materials equivalent in content, train appropriate municipal employees (including supervisors) on storm water pollution issues.	100 % of existing appropriate staff trained by Year 2, then all new employees every year after that. Perform pre- and post-training testing to measure training effectiveness.
BMP 6-2.a	<u>E.11.e.ii.b</u>	Promptly correct any hazardous materials inspection deficiencies reported by the County inspectors, who are responsible for all of the hazardous materials inspections in Monterey County.	100% of noted deficiencies corrected within 30 days of notification by the County
BMP 6-3.a	<u>E.7.b.3.ii</u>	Train appropriate staff to use the procedures described in “Storage and Disposal of Used Motor Oil and Used Oil Filters” contained in MRSWMP Appendix E for proper disposal of used motor oil and filters	100 % of existing appropriate staff trained by Year 2, then all new appropriate employees thereafter
BMP 6-4.a (Part 1)	<u>E.7.b.3.ii</u>	Train municipal staffs to use the procedures contained in MRSWMP Appendix E, “Managing Landscape and Lawn Care Activities” to properly manage landscape and lawn care activities. When training is scheduled for MS4 staff, offer training to other agencies such as school districts beginning in Year 3.	100 % of existing appropriate staff trained by Year 2; all new appropriate employees trained during 1st year of employment. Refresher training provided at the discretion of each MS4.
BMP 6-4.b	<u>E.11.j.</u> <u>ii.b.2.f</u>	Perform spraying during times where rain is not predicted	No pesticide use will occur when a 20% or greater chance of rain is predicted within the next 24-hr period per NOAA website.

Appendix to 2013 Monterey Regional Guidance Document

MRSWMP Program Elements – to be replaced by equivalent new Phase II Permit Elements

Old Task (BMP) Designation	New Task Designation	BMP Description	Measurable Goal
BMP 6-7.e	<u>E.11.e.ii.b</u>	Using the “Compliance Inspection Checklist for Vehicle Service Facilities” contained in MRSWMP Appendix E, inspect the MS4’s vehicle maintenance facilities annually and correct any deficiencies noted.	100% of noted deficiencies corrected.
BMP 6-7.g	<u>E.7.b.3.ii</u>	Train all employees repairing municipal vehicles on proper pollution prevention techniques	This training is included in BMP 6-1.a
BMP 6-8.a	<u>E.7.b.3.ii</u>	Training of municipal employees in proper vehicle washing techniques	This training is included in BMP 6-1.a
BMP 6-8.b	<u>E.11.e.ii.b</u>	Using the “Compliance Inspection Checklist for Vehicle Service Facilities” contained in MRSWMP Appendix E, inspect the MS4’s vehicle washing facilities annually and correct any deficiencies noted.	100% of noted deficiencies corrected.
BMP 6-9.a	<u>E.7.b.3.ii.c</u>	Require bridge and street maintenance contractors and municipal maintenance staff use proper measures to keep sediments, debris, paint, and other construction materials out of the storm drain system.	100% of bridge and street maintenance contracts contain these requirements, and in-house maintenance projects swept on a frequent basis to keep pollutants out of the storm drain system
BMP 6-10.b	<u>E.11.g.ii.a</u>	Inspect catch basins and inlets in the designated “hot spots” listed in MRSWMP Appendix E annually prior to rainy season, and clean as necessary.	100% of “hot spot” catch basins and inlets inspected, and cleaned as necessary, each year prior to start of rainy season.
BMP 6-10.e	<u>E.11.g.iii</u>	Keep documentation of inspections and cleanings	Documentation kept on file
Total:	40 BMPs	To be replaced by equivalent elements in the new Phase II Small MS4 General Permit (WQO 2013-0001-DWQ)	

Source: Table 4-1, Monterey Regional Stormwater Management Program, Revised June 23, 2011