

Monterey Regional Storm Water Management Program
Guidance Document - County of Monterey

1	A	B	C	D	E	F					G	H	I	J	K	L	M	N	O	P	Q	R	S	
	MRSWMP PERMIT COMPARABLE BEST MANAGEMENT PRACTICE (BMP)	PERMIT SECTION AND ELEMENT	Detail & / or Existing	Permit Compliance Year (June 30th unless otherwise noted)	Permit Year					Responsible Implementing Party		Additional implementation notes (i.e., goals, milestones, etc.)	A Is/are existing locally specific SWMP BMP(s) more protective of water quality than minimum requirements of this order? [Y/N] If yes, complete column B. (Or Not Applicable)	Previous SWMP Measurable Goal. Complete this column only if Column A is Yes.	B If Column A is "Yes", indicate if you will Maintain, Reduce or Cease BMP(s) and complete Column C. If Reduce or Cease, also complete column D.	C Provide brief description of locally specific SWMP BMP(s) that is more protective of water quality, including measurable goal(s). Include specific reference to location in existing SWMP	D Demonstrate that Reduction or Cessation of more protective BMP(s) is in compliance with this Order and the maximum extent practicable standard, and will not result in increased pollutant discharges (Justification for Reduction or Cessation of BMP(s)).							
No.					1	2	3	4	5	Local MS4 Dept	SIE, Regional Organization or, Co-permittee													
2																								
3				NOTES: An X denotes that no information is required. A check mark indicates the year in which the element will be performed. N/A means Not Applicable																				
4	E.1. RENEWAL TRADITIONAL SMALL MS4 PERMITTEES																							
5		X																						
6	E.2. NEW TRADITIONAL SMALL MS4 PERMITTEES																							
7		X																						
8	E.3. NON-TRADITIONAL SMALL MS4S PERMITTEES																							
9		X																						
10	E.4 SMALL MS4 ASBS PERMITTEES																							
11	E.4 (Att C: Section I)	Provisions for Point Source Discharges of Storm Water	The following terms, prohibitions and special conditions (Special Protections) are established as limitations on point source storm water.	2014	1	√	√	√	√	√	RMA-ES		X	no		X		X		X		X		
12	E.4 (I.A.1)	Permitted Source Discharges of StormWater	Existing discharges are only allowed when: a) Authorized under the Special Protections; b) Composed solely of storm water runoff that does not alter natural ocean water quality; c) The discharge of trash is prohibited; d) The outfall existed prior to January 1, 2005; e) Non-stormwater discharges are prohibited (with allowable exceptions)	2014	1	√	√	√	√	√	Resource Managemnt Agency - Environmntl. Services (RMA-ES)		X	no		X		X		X		X		
13	E.4 (C: I.A.2.)	Compliance Plans	Address the Special Protections requirement to maintain natural water quality for storm water discharges into an ASBS in an ASBS Compliance Plan. Compliance Plans shall be submitted to the Regional Water Board and approved by the Executive Director of the State Water Board.	2015	2		√	√			RMA-ES		X	no		X		X		X		X		
14	E.4 (C: I.A.3)	Compliance Schedule	Within 6 years of the effective date of the ASBS Exception (March 20, 2018), all discharges into ASBS shall maintain natural ocean water quality, and structural controls shall be operational; On the effective date of the ASBS Exception (March 20, 2012), non-stormwater discharges are effectively prohibited; Within 18 months of the effective date (Sep 20, 2013), a draft ASBS Compliance Plan shall be submitted to the State Water Board, and non-structural controls shall be implemented.	2014	1	√	√	√	√	√	RMA-ES		X	no		X		X		X		X		
15	E.4 (C: II)	Additional Requirements for Parks and Recreation Facilities	In addition to the provisions of Section I.A, Permittees with parks and recreation facilities shall include additional information in their ASBS Compliance Plans to address storm water runoff from these facilities	2014	5					√	N/A		X	no		X		X		X		X		
16	E.4 (C: III)	Additional Requirements - Waterfront and Marine Operations	In addition to the provisions of Section I.A, Permittees with waterfront and marine operations shall include additional information in their ASBS Compliance Plans to address storm water runoff from these facilities	2104	1	√					N/A		X	no		X		X		X		X		

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No.					1	2	3	4	5	Local MS4 Dept	SIE, Regional Organization or, Co-permittee												
17	E.4 (C: IV)	Monitoring Requirements	Monitoring is mandatory for all Permittees: core discharge monitoring and ocean receiving water monitoring programs, approved by State and Regional Water Boards, shall be completed.	2014	1	√	√	√								Regional (ASBS Regional Monitoring Program)	NOTE: The monitoring requirements scheduled to begin in FY 2013 were postponed 12 months by the State Water Board ; monitoring is now scheduled to begin in FY 2014	no	X	X	X	X	
18	E.4 (C: IV.A)	Core Discharge Monitoring Program	At least three times per year, runoff must be collected during storm events greater than 0.1 inch that produce runoff for a number of constituents depending on discharge pipe size. Runoff flows shall be measured or calculated for all discharge pipes greater than or equal to 18" diameter or width.	2014	1	√	√	√							RMA-ES	Regional (ASBS Regional Monitoring Program)	NOTE: The monitoring requirements scheduled to begin in FY 2013 were postponed 12 months by the State Water Board ; monitoring is now scheduled to begin in FY 2014	no	X	X	X	X	
19	E.4 (C: IV.B)	Ocean Receiving Water and Reference Area Monitoring Program	In addition to the Core Discharge Monitoring Program, Ocean Receiving Water Monitoring shall be performed to assess the physical, chemical and biological characteristics of the ocean receiving waters within the ASBS. Permittees may choose an individual monitoring program, or participation in a regional integrated monitoring program. Additional monitoring must also be performed for marinas and boat launch and pier facilities.	2014	1	√	√	√							RMA-ES	Regional (ASBS Regional Monitoring Program)	NOTE: The monitoring requirements scheduled to begin in FY 2013 were postponed 12 months by the State Water Board ; monitoring is now scheduled to begin in FY 2014	no	X	X	X	X	
20	E.5 SEPARATE IMPLEMENTING ENTITY																						
21	E.5	Separate Implementing Entity (SIE)	Entities can develop a SIE to implement and manage all or various aspects of the Phase II Permit.	2014	1	√	√	√	√	√						Monterey Regional Storm Water Management Program (MRSWMP)	MOA or letter of Agreement required	no	X	X	X	X	
22	E.6 PROGRAM MANAGEMENT ELEMENT																						
23	E.6.a Legal Authority																						
24	E.6.a.i	Review and Revise Local Ordinances	Review and revise / create relevant ordinances or other regulatory mechanisms to obtain adequate legal authority to control pollutant discharges into and from the MS4	2015	2		√	√	√	√					RMA-ES		X	no	X	X	X	X	

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No.		1	2			3	4	5	Local MS4 Dept	SIE, Regional Organization or, Co-permittee														
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25		E.6.a.ii	Implementation Level	Create the legal authority to: a. Effectively prohibit non-stormwater discharges; b. Detect and eliminate illicit discharges and illegal connections. c. Respond to discharges of spills. d. Require responsible parties to address excess "incidental runoff" per Discharge Prohibition B.4. (a-e). e. Require operators of construction sites, commercial and industrial facilities to minimize pollutant discharges per CASQA manual; f. Require information necessary to comply with the Phase II Small MS4 General Permit; g. Enter private property for inspections; h. Require dischargers to cease and desist and/or cleanup and abate within the time frames presented in E.6.a.11.h i. Have the ability to levy citations / fines and require recovery and remediation costs; j. Impose civil or criminal sanctions when warranted.	2015	2		√	√	√	√		RMA-ES		X		no		X		X		X	
26	3-4.a	X	X	Adopt and implement a storm water ordinance	2014	1	√						RMA-ES		Equivalent to E.6.a.ii.a See additional information in Introduction of Appendix.		no		X		X		X	
27	5-1.a	X	X	Adopt and implement a storm water ordinance	2014	1	√						RMA-ES		Equivalent to E.6.a.ii.a		no		X		X		X	
28	E.6.b Certification																							
29		E.6.b.i	Task Description	Certify that the Permittee has full legal authority to implement and enforce the each of the requirements of this Order	2015	2		√	√	√	√		RMA-ES		X		no		X		X		X	
30	3-4.c	X	X	Implement a stormwater pollution prevention ordinance	2014	1	√						RMA-ES		Equivalent to E.6.b.i		no		X		X		X	
31		E.6.b.ii	Implementation Level	Certification statement shall include: a) Identification of all departments that conduct storm water-related activities and their roles and responsibilities; b) Citation of storm water runoff related ordinances, identification of the topics each ordinance addresses; c) Identification of the local administrative and legal procedures and ordinances available to mandate compliance; d) Description of how storm water related-ordinances are reviewed and implemented; e) Statement that the municipality will implement enforcement actions consistent with its Enforcement Response Plan developed pursuant to Section E.6.c.	2015	2		√	√	√	√		RMA-ES		X		no		X		X		X	
32		E.6.b.iii	Reporting	Submit a statement certifying that the Permittee has adequate legal authority to comply with all Order requirements.	2015	2		√					RMA-ES		X		no		X		X		X	

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33																			E.6.c Enforcement Measures and Tracking					
34	E.6.c.i	Task Description	Develop and implement an Enforcement Response Plan to describe how the Permittee will respond to and address repeat and continuing violations	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X						
35	E.6.c.ii	Implementation Level	Describe how the following enforcement responses will be used: a) Verbal warnings; b) Written notices; c) Escalated enforcement measures (citations, stop work orders, withholding of approvals/authorizations; additional measures); d) Refer on-going violations and non-filers of Construction General Permit projects or Industrial General Permit operations to Regional Water Board within 30 days;	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X						
36	E.6.c.iii	Reporting	Submit a summary of past year activities and certify compliance with all requirements of this program element. Address the relationship between these activities and the Effectiveness Assessment and Improvement Plan.	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X						
37	E.7 EDUCATION AND OUTREACH PROGRAM																							
38	E.7.	Community Based Social Marketing	RWQCB to notify permittee within 3 months of permit adoption date if CBSM will be required.	2014	1	√					(Regional Water Quality Control Board)		X	Equivalent (no)	X	X	X	X						
39	E.7.a Public Education and Outreach																							
40	E.7.a	Program Development / Implementation	Select one or more of the following Public Education and Outreach options and submit documentation that confirms the collaboration with other MS4s in the first year annual report.	2014	1	√					Regional (MRSWMP)		X	Equivalent (no)	X	X	X	X						
41	1-1.a	X	X	Implement the comprehensive Public Education and Outreach Program contained in (MRSWMP) Appendix E for the entire region.	2014	1	√				RMA-ES		Equivalent to E.7.a	no	X	X	X	X						
42	E.7.a.i	Task Description	Develop and implement a comprehensive PE / PO program to reduce pollutant discharges and measurably increase the knowledge and awareness of the target audience. Please refer to Attachment A: PE/PO Program for details.	2015	2		√	√	√	√	Regional (MRSWMP)		X	no	X	X	X	X						

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43		E.7.a.ii	Implementation Level	At a minimum, the Permittee shall: a) Develop and implement a public education strategy based on water quality problems, target audiences, and anticipated task effectiveness; b) Implement surveys twice during permit term; c) Develop and convey a specific message to focus on local pollutants of concern, target audience, and regional water quality issues; d) Disseminate educational materials to target audiences into applicable languages; e) Utilize public input; f) Distribute educational materials appropriately; g) Convey water-efficient and stormwater-friendly landscaping messages; h) Convey messages regarding illicit discharge reduction and how to report an incident; i) Convey messages regarding the proper application of pesticides, herbicides, and fertilizers; j) Provide public and private schools with educational materials, preferably environmental and place-based experiential learning materials; k) Convey messages regarding discharge reduction from organized car washes, mobile cleaning, pressure washing, and landscape irrigation; l) Conduct stormwater-friendly education for organized car wash participants; m) Convey messages specific to mobile cleaning and pressure wash businesses.	2015	2	√	√	√	√		Regional (MRSWMP)	X	no	X	X	X	X						
45	5-7.a	X	X	Make LID BMP Design Guidance available for all stakeholders.	2014	1	√					Regional (MRSWMP)	More protective than E.7.a.ii.c	Yes	Make LID BMP Design Guidance available for all stakeholders	Cease after March 5, 2014	See BMP details at left.	This item was scheduled to be completed prior to Sept 2011						
46	5-7.b	X	X	Develop guidance for achieving compliance with hydromod control criteria and LID requirements for project applicants.	2014	1	√					Regional (MRSWMP)	More protective than E.7.a.ii.c	Yes	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	Maintain through March 5, 2014.	See BMP details at left.	New Post Construction Requirements (PCRs) that supersede BMP 5-7.b become effective on March 6, 2014. New guidance on new PCRs will replace the former.						
47	2-1.e	X	X	Implement stakeholder participation plan to encourage general public and stakeholder involvement in MRSWMP activities	2014	1	√					Regional (MRSWMP)	Equivalent to E.7.a.ii.e	no	X	X	X	X						
48	3-1.a	X	X	Create and maintain a hotline for the public to report illicit discharges	2014	1	√					Regional (MRSWMP)	Equivalent to E.7.a.ii.h	no	X	X	X	X						
49	3-1.b	X	X	Advertise hotline telephone number on MRSWMP-generated media, 4 in English, 4 in Spanish	2014	1	√	√	√	√		Regional (MRSWMP)	Equivalent to E.7.a.ii.h	Yes	Advertise hotline telephone number on MRSWMP-generated media, 4 in English, 4 in Spanish	X	X	X						
50	3-3.c	X	X	Create a hotline for the public to report illicit connections	2014	1	√					Regional (MRSWMP)	Equivalent to E.7.a.ii.h	no	X	X	X	X						
51	3-6.a	X	X	Educate employees, businesses, and the general public on negative effects on water quality from illicit discharges	2014	1	√					Regional (MRSWMP)	Equivalent to E.7.a.ii.k	no	X	X	X	X						

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52	2-1.b	X	X	Hold annual workshop #1 in the Spring	2014	1	X									N / A		X	Yes	Hold annual workshop #1 in the Spring	Cease	Hold annual workshop #1 in the Spring of Permit Year 1	Annual workshop educational requirements will be met through other E.7 tasks (E.7.a.ii.c) as the Annual Workshop has proved ineffective.	
53	2-1.d	X	X	Hold Annual Workshop #1 on a specific topic to a target audience	2014	1	√	√	√	√	√					Regional (MRSWMP)	X	Yes	Hold Annual Workshop #1 on a specific topic to a target audience	Modify	X	X		
54	5-7.c	X	X	Provide appropriate education and outreach for all applicable target audiences, including specific guidance for LID BMP design and compliance with hydromod control criteria.	2014	1	√									Regional (MRSWMP)	More protective than E.7.a.iii	Yes	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	Maintain March 31, 2011 through March 5, 2014.	See BMP details at left.	New Post Construction Requirements (PCRs) that supersede BMP 5-7.c become effective on March 6, 2014. Education on new PCRs will replace the former.		
55	5-7.d	X	X	Create and maintain a tracking report indicating education and outreach program activities addressing LID and hydromod control implementation.	2014	1	√									Regional (MRSWMP)	More protective than E.7.a.iii	Yes	Tracking Report indicating municipality's accomplishments in education and outreach supporting implementation of LID and hydromodification control for new and redevelopment projects. Tracking Report covering the period Jan 1, 2011 through Mar 5, 2014 will be submitted with Permit Year 1 Annual Report on October 15, 2014.	Maintain through March 5, 2014.	See BMP details at left.	New Post Construction Requirements (PCRs) that supersede BMP 5-7.d become effective on March 6, 2014. Tracking Report will cover the period through March 5, 2014.		
56	E.7.a.iii	Reporting		Submit summary of past year activities to include a summary to address the relationship between these activities and the Effectiveness Assessment Improvement Plan (EA IP).	2014	1	√	√	√	√	√					Regional (MRSWMP)	X	no		X	X	X	X	
57	E.7.b Staff & Site Operator Training and Education																							
58	E.7.b.1 Illicit Discharge Detection and Elimination Training																							
59	E.7.b.1.i	Task Description		Develop and implement a training program for all Permittee staff who, as part of their normal job responsibilities, may be notified of, come into contact with, or otherwise observe an illicit discharge or illegal connection to the storm drain system.	2016	3			√	√	√	RMA-ES	Regional (MRSWMP)		X		no		X	X	X	X	X	
60	E.7.b.1.ii	Implementation Level		Training Program shall include: a) Identifying Illicit Discharges Connections; b) Proper ID & IC reporting and response criteria; c) Follow-up training as needed; d) Annual assessment of staff knowledge; e) Training of new hires within 6 months; f) Brochure for fleet vehicles of field employees on how to report an Illicit Discharge; g) Focused training on identified Illicit Discharge locations	2016	3			√	√	√	RMA-ES	Regional (MRSWMP)		X		no		X	X	X	X	X	
61	E.7.b.1.iii	Reporting		Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2016	3			√	√	√	RMA-ES	Regional (MRSWMP)		X		no		X	X	X	X	X	

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62		E.7.b.2	Construction Outreach and Education																				
63	E.7.b.2 (a)	Permittee Staff Training																					
64	E.7.b.2 a.i	Task Description		Ensure that all staff implementing the construction site stormwater runoff control program are adequately trained.	2015	2		√	√	√	√	RMA-ES		X	no		X		X		X		X
65	E.7.b.2 a.ii	Implementation Level		Staff to be trained: a) Plan reviewers and permitting staff (requires QSD or supervision by QSD); b) Erosion Sediment Control Inspectors (QSD or QSP or supervised by QSP); c) Third-party Plan Reviewers, Permitting Staff, and Inspectors shall be trained by the Permittee.	2015	2		√	√	√	√	RMA-ES		X	no		X		X		X		X
66	3-3.a	X	X	Train municipal inspection staff to perform business inspections for illicit connections and discharges	2014	1	√					Regional (MRSWMP)		Equivalent to E.7.b.2 a.ii.b	no		X		X		X		X
67	4-2.a	X	X	Train appropriate municipal staff on construction site plan reviewing procedures	2014	1	√					Regional (MRSWMP)		Equivalent to E.7.b.2 a.ii.a	no		X		X		X		X
68	4-3.a	X	X	Train appropriate municipal staff on construction site inspection procedures	2014	1	√					Regional (MRSWMP)		Equivalent to E.7.b.2 a.ii.b	no		X		X		X		X
69	5-2.a	X	X	Train appropriate municipal staff on post-construction site plan review procedures and post-construction site inspection procedures	2014	1	√					Regional (MRSWMP)		Equivalent to E.7.b.2 a.ii	no		X		X		X		X
70	E.7.b.2 a.iii	Reporting		Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2015	2		√	√	√	√	RMA-ES	Regional (MRSWMP)	X	no		X		X		X		X
71	E.7.b.2 (b)	Construction Site Operator Education																					
72	E.7.b.2 b.i	Task Description		Develop and distribute educational materials to construction site operators.	2016	3			√	√	√	RMA-ES	Regional (MRSWMP)	X	no		X		X		X		X
73	E.7.b.2 b.ii	Implementation Level		a) Each year, provide information on training opportunities for construction operators on BMP selection, installation, implementation, and maintenance as well as overall program compliance; b) Develop or utilize existing outreach tools (i.e. brochures, posters, etc.); c) Distribute materials to all construction operators disturbing land within the MS4 boundary. The Permittee's contact information and website shall be included in these materials; d) Update existing storm water website, as necessary, to include information on appropriate selection, installation, implementation, and maintenance of BMPs.	2016	3			√	√	√		Regional (MRSWMP)	X	no		X		X		X		X
74	4-4.b	X	X	Provide or sponsor two educational programs, workshops, or seminars annually to educate construction firms on the negative effects of improperly managed construction site runoff	2014	1	√	√				Regional (MRSWMP)		Equivalent to E.7.b.2 b.ii	no		X		X		X		X
75	E.7.b.2 b.iii	Reporting		Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2016	3			√	√	√		Regional (MRSWMP)	X	no		X		X		X		X

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						Permit Year										Responsible Implementing Party								
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76		E.7.b.3 Pollution Prevention and Good Housekeeping Staff Training																						
77	E.7.b.3.i	Task Description	Develop a biennial training program for appropriate employees, and determine the need for interim training in alternate years. Train new hires whose jobs include pollution prevention and good housekeeping practices within 1 year of hire date.	2015	2		√		√			RMA-ES	Regional (MRSWMP)	X	no	X	X	X	X					
78	E.7.b.3.ii	Implementation Level	Training shall include: a) Biennial training on general stormwater education and new technologies with clear guidance on appropriate BMP selection; b) Biennial assessment of trained staff's knowledge and increased training as needed; (c) A requirement that contractors hired by the Permittee for O&M activities shall be contractually required to comply with all storm water BMPs, good housekeeping practices, and standard operating procedures described above. d) Permittee shall provide oversight of contractor activities.	2015	2		√	√	√	√		RMA-ES	Regional (MRSWMP)	X	no	X	X	X	X					
79	3-4.b	X	X	Train appropriate municipal staff on the adopted stormwater ordinance	2014	1	√					RMA-ES	Regional (MRSWMP)	Equivalent to E.7.b.3.ii	no	X	X	X	X					
80	6-1.a	X	X	Train appropriate municipal employees on stormwater pollution prevention (good housekeeping)	2014	1	√					RMA-ES	Regional (MRSWMP)	Equivalent to E.7.b.3.ii	no	X	X	X	X					
81	6-3.a	X	X	Train appropriate municipal staff on proper disposal of used motor oil and filters	2014	1	√					RMA-ES	Regional (MRSWMP)	Equivalent to E.7.b.3.ii	no	X	X	X	X					
82	6-4.a (part 1)	X	X	Train appropriate municipal staff on on proper landscaping and lawn care activities	2014	1	√					RMA-ES	Regional (MRSWMP)	Equivalent to E.7.b.3.ii	no	X	X	X	X					
83	6-7.g	X	X	Train all employees repairing municipal vehicles on proper pollution prevention techniques	2014	1	√					RMA-ES	Regional (MRSWMP)	Equivalent to E.7.b.3.ii	no	X	X	X	X					
84	6-8.a	X	X	Train municipal employees in proper vehicle washing techniques	2014	1	√					N / A	Regional (MRSWMP)	Equivalent to E.7.b.3.ii	no	X	X	X	X					
85	6-9.a	X	X	Require bridge and street maintenance contractors and municipal maintenance staff to use proper measures to keep pollutants out of the storm drains	2014	1	√					RMA-Public Works - Design, Constructn.		Equivalent to E.7.b.3.ii.c	no	X	X	X	X					
86	E.7.b.3.iii	Reporting	Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2015	2		√	√	√	√		RMA-ES	Regional (MRSWMP)	X	no	X	X	X	X					

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87	E.8 PUBLIC INVOLVEMENT AND PARTICIPATION PROGRAM																						
88	E.8.i	Task Description	Involve public in program development & implementation of the program; encourage volunteerism, public comment and input on policy, and activism; become involved in the Integrated Regional Water Management Plan (IRWMP)	2015	2		√	√	√	√		Regional (MRSWMP)	X	no	X	X	X	X					
89	E.8.ii	Implementation Level	Program Element To: a) PP & PI program establishes who is responsible for specific tasks and goals; b) Consider development of a citizen advisory group; c) Create opportunities for citizens to participate in the implementation of BMPs through sponsoring activities; d) Ensure the public can easily find information about the Permittee's storm water program; e) Actively engage in the agency's IRWMP or equivalent watershed level planning effort.	2015	2		√	√	√	√		Regional (MRSWMP)	X	no	X	X	X	X					
90	2-2.a	X	X	Provide financial support for Coastal Cleanup Day	2014	1	√	√	√	√		Regional (MRSWMP)	More protective than E.8.ii.c	Yes	Provide financial support and 40 hours staffing for Coastal Cleanup Day	Maintain	Provide financial support for Coastal Cleanup Day	X					
91	2-2.a	X	X	Provide 40 hours staffing for Coastal Cleanup Day	2014	1	X					N / A	More protective than E.8.ii.c	Yes	Provide financial support and 40 hours staffing for Coastal Cleanup Day	Cease	Provide financial support and 40 hours staffing for Coastal Cleanup Day	As support for Coastal Cleanup Day has increased, the 40 hours of staffing time is ineffective.					
92	2-2.b	X	X	Recruit volunteers for Coastal Cleanup Day through all available channels	2014	1	√	√	√	√		Regional (MRSWMP)	More protective than E.8.ii.c	Yes	Recruit volunteers for Coastal Cleanup Day	Maintain	Recruit volunteers for Coastal Cleanup Day	MRSWMP does not have authority to recruit municipal volunteers for weekend events but will continue to recruit volunteers through all available channels.					
93	2-2.c	X	X	Provide support for, or assistance with, storm drain stenciling	2014	1	√	√	√	√		Regional (MRSWMP)	More protective than E.8.ii.c	Yes	Provide stenciling equipment and complete a minimum of 300 inlets. Each entity to complete approximately 5-10% of total inlets per year.	Maintain	Provide support for, or assistance with, storm drain stenciling	X					
94	2-2.d (part 1, p 10-12)	X	X	Provide financial support for, or assistance with, volunteer monitoring programs and public participation events.	2014	1	√	√	√	√		Regional (MRSWMP)	More protective than E.8.ii.c	Yes	Provide financial contributions to the volunteer and monitoring programs specified.	Maintain	Provide financial contributions to the volunteer and monitoring programs specified.	X					
95	2-2.d (part 2, p 13)	X	X	Prioritize pollutants of concern and perform source tracking for the highest priority pollutants	2014	1	√	√	√	√		Regional (MRSWMP)	More protective than E.8.ii.c	Yes	Provide source tracking for the two highest priority pollutants within the Monterey Regional Program area.	Maintain	See BMP details at left.	X					
96	2-2.d (part 3, p 14-15)	X	X	Conduct the MRSWMP Monitoring Program, 25% of outfalls will be monitored four times a year.	2014	1	√	√	√	√		Regional (MRSWMP)	More protective than E.8.ii.c	Yes	Monitor 25% of all outfalls within the Monterey Regional Program area through the MRSWMP Monitoring Program.	Maintain	See BMP details at left.	X					
97	2-3.a	X	X	A representative from the Monterey Regional Group will become an active participant in the Citizen Watershed Monitoring Network.	2014	1	√	√	√	√		Regional (MRSWMP)	More protective than E.8.ii.c	Yes	100% of Watershed Monitoring Network meetings will be attended by a representative of the MRSWMP Group	Maintain	See BMP details at left.	X					
98	E.8.iii	Reporting	Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2015	2		√	√	√	√		Regional (MRSWMP)	X	no	X	X	X	X					

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99	E.9 ILLICIT DISCHARGE DETECTION AND ELIMINATION																						
100	E.9.a Outfall Mapping																						
101	E.9.a.i	Task Description	Create and maintain accurate outfall map including a site visit to each outfall.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X					
102	3-2.a	X	X	Complete preparation of a storm drainage system map showing outfalls discharging to waters of the state	2014	1	√				RMA-ES		Equivalent to E.9.a.i	no	X	X	X	X					
103	3-2.b	X	X	Update the outfall map annually to include new facilities as appropriate	2014	1	√				RMA-ES		Equivalent to E.9.a.i	no	X	X	X	X					
104	E.9.a.ii	Implementation Level	Create an outfall map of outfalls located within the urbanized area, identified by GPS coordinates, and including photos. Identify priority areas annually.	2015	2		√	√	√	√	RMA-ES		X	no (equivalent)	(3-2.a) Complete storm drain system maps (3-2.b) Update the outfall map annually		X	X	X				
105	E.9.a.iii	Reporting	Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X					
106	E.9.b Illicit Discharge Source/Facility Inventory																						
107	E.9.b.i	Task Description	Maintain an inventory of all industrial/commercial facilities/sources that could discharge pollutants in storm water to the MS4	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X					
108	E.9.b.ii	Implementation Level	Create an inventory of industrial/commercial facilities and update the inventory annually; identify facilities without Industrial General Permit and report to the appropriate Regional Water Board; Proactively identify illicit discharges from priority areas via field observations and screening and inspections.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X					
109	3-3.b	X	X	Inspect Businesses to identify illicit connections and illegal discharges and take action to correct any observed violations of the storm water ordinance (one time during the 5-year Permit term)	2014	1	√				RMA-ES		Equivalent to E.9.b.ii.c which identifies more specific businesses to be included, and E.9.b.ii.e which requires priority areas to be assessed once during the 5-year permit term	no	X	X	X	X					
110	3-5.a	X	X	Inspect 100% of-boat marinas annually and report on the inspections in the annual report	2014	1	√	√	√	√	RMA-ES		Similar to E.9.b.ii.c which identifies other businesses to be included, and E.9.b.ii.e which requires priority area businesses to be inspected once during the 5-year permit term	Yes	Existing requirement is to inspect 100% of campgrounds, RV parks and boat marinas annually	MODIFY - continue annual boat marina inspections; discontinue annual campground and RV Park inspections	See details at left	No demonstrable water quality improvement occurred as the result of these inspections. Infractions were infrequently observed. This BMP is similar BMP 3-3.b but is performed annually. Thus not as effective as new provisions.					
111	E.9.b.iii	Reporting	Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X					

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112		E.9.c	Field Sampling to Detect Illicit Discharges																				
113		E.9.c.i	Task Description	While conducting outfall inventory (Section E.9.a), sample any outfalls that are flowing or ponding within 72 hours of last rain event	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X				
114		E.9.c.ii	Implementation Level	Conduct monitoring for 9 analytes listed in Table 1 of E.9.c to help determine the source of the discharge	2015	2		√	√	√	√	RMA-ES	Regional (MRSWMP)	X	no	X	X	X	X				
115		E.9.c.iii	Reporting	Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)				√	√	√	√	RMA-ES		X	no	X	X	X	X				
116		E.9.d	Illicit Discharge Detection and Elimination Source Investigations and Corrective Actions																				
117		E.9.d.i	Task Description	Develop written procedures for conducting source investigations and corrective actions	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X				
118	3-3.e	X	X	Perform source tracking on manholes in designated hotspot areas	2014	1	√					RMA-ES		Equivalent to E.9.d.i	no	X	X	X	X				
119		E.9.d.ii	Implementation Level	Conduct investigations to identify source of suspected illicit discharges within 72 hours of becoming aware of the illicit discharge; Immediately notify responsible party to conduct corrective actions within 72 hours.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X				
120	3-1.c	X	X	Investigate and take appropriate action on each report of illicit discharge that is received	2014	1	√					RMA-ES		Equivalent to E.9.d.ii.e	no	X	X	X	X				
121	4-4.a	X	X	Investigate and take appropriate action on each report of storm water pollution from construction sites that is received from the public	2014	1	√					RMA-ES		Equivalent to E.9.d.ii	no	X	X	X	X				
122		E.9.d.iii	Reporting	Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X				
123		E.9.e	Spill Response Plan																				
124		E.9.e.i	Task Description	Develop and Implement a Spill Response Plan	2014	1	√					RMA-ES		X	no	X	X	X	X				
125		E.9.e.iii	Implementation Level	Include agency roles and responsibilities, complaint response procedures, how investigations will be conducted, how clean up is initiated and conducted, and how reporting is completed and what information is required	2014	1	√					RMA-ES		X	no	X	X	X	X				
126		E.9.e.iii	Reporting	Submit summary of past year activities to include a summary to address the relationship between these activities and the Program Effectiveness Assessment and Improvement Plan (EA IP)	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X				

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127	E.10 CONSTRUCTION SITE STORM WATER RUNOFF CONTROL PROGRAM																		
128	E.10.a Construction Site Inventory																		
129	E.10		Develop an enforceable construction site storm water control ordinance for all projects that disturb less than one acre of soil.	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X	
130	4-1.a	X	X	Adopt a stormwater ordinance specific to each municipality's needs	2014	1	√				RMA-ES		Equivalent to E.10 See additional information in Introduction of Appendix.	no	X	X	X	X	
131	5-4.b	X	X	Modify enforceable mechanisms to eliminate regulatory conflicts and provide effective implementation of hydromodification control and LID in new development and redevelopment projects.	2014	1	√				RMA-ES		Equivalent to E.10	Yes	Approved new and/or modified enforceable mechanisms that effectively resolve regulatory conflicts and implement hydromodification controls and LID in new and redevelopment projects	Maintain through March 5, 2014.	See BMP details at left.	New Post Construction Requirements (PCRs) that supersede BMP 5-4.b become effective on March 6, 2014	
132	E.10.a.i	Task Description	Maintain an inventory of all projects subject to the local construction site storm water runoff control ordinance using the information presented in E.10.a.11	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X	
133	E.10.a.ii	Implementation Level	The inventory shall contain, at a minimum: a) Contact information for each project; b) Basic site information; c) Location of project with respect to waterbodies; d) Project threat to water quality; e) Current construction phase; f) Required inspection frequency per local storm water ordinance; g) Project start and anticipated completion dates; h) Date the permittee approved the erosion and sediment control plan	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X	
134	E.10.a.iii	Reporting	Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X	

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135		E.10.b Construction Plan Review and Approval Procedures																					
136		E.10.b.i	Task Description	Develop procedures to review and approve relevant construction plan documents.	2014	1	√								RMA-ES		X	no	X	X	X	X	
		E.10.b.ii	Implementation Level	The review procedures shall meet the following: a) Prior to issuing a permit the Permittee shall require each operator of a construction site to prepare and submit an erosion and sediment control plan with site-specific BMPs that meet minimum requirements of local storm water ordinance; b) Require that Erosion & Sediment Control (ESC) plan include rationale for selected BMPs including soil loss calculations; c) Require that ESC plan list applicable permits directly associated with grading activity and evidence that these permits have been obtained prior to commencing the soil disturbing activities authorized by the grading permit; d) Conduct and document review of each ESC plan using a checklist or similar process; e) The SWPPP developed pursuant to the CGP may substitute for the ESC plan, but Permittee is responsible for reviewing applicable portions of the SWPPP for compliance with local construction site storm water runoff control ordinance and this Permit.	2014	1	√	√	√	√	√			RMA-ES		X	no	X	X	X	X	X	
137		4-2.b	X	X	Review 100% of appropriate construction site plans for compliance with MRSWMP	2014	1	√						RMA-ES		Equivalent to E.10.b.ii.a	no	X	X	X	X		
138		E.10.b.iii	Reporting	Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2014	1	√	√	√	√	√			RMA-ES		X	no	X	X	X	X	X	
139		E.10.c Construction Site Inspection and Enforcement																					
140		E.10.c.i	Task Description	Use legal authority to implement procedures for inspecting public and private construction projects and conducting enforcement if necessary.	2015	2		√	√	√	√			RMA-ES		X	no	X	X	X	X	X	
141		5-3.b	X	X	Enforce post-construction compliance with the Permittee's stormwater ordinance	2014	1	√						RMA-ES		Equivalent to E.10.c.i	no	X	X	X	X	X	
142		E.10.c.ii	Implementation Level	Permittee shall conduct, at minimum, inspections at priority construction sites prior to land disturbance during the rainy season, during active construction and following active construction. Inspections shall include assessment of compliance with storm water ordinance. 1. pre-construction E&S BMP inspection; 2. active construction inspection; 3. final construction inspection to verify that disturbed soils have been stabilized. Prioritization criteria shall be based on project threat to water quality.	2015	2		√	√	√	√			RMA-ES		X	no	X	X	X	X	X	
143																							

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	MRSWMP PERMIT COMPARABLE BEST MANAGEMENT PRACTICE (BMP)	PERMIT SECTION AND ELEMENT		Detail & / or Existing	Permit Compliance Year (June 30th unless otherwise noted)	Permit Year					Responsible Implementing Party		Additional implementation notes (i.e., goals, milestones, etc.)	A Is/are existing locally specific SWMP BMP(s) more protective of water quality than minimum requirements of this order? [Y/N] If yes, complete column B. (Or Not Applicable)	Previous SWMP Measurable Goal. Complete this column only if Column A is Yes.	B If Column A is "Yes", indicate if you will Maintain, Reduce or Cease BMP(s) and complete Column C. If Reduce or Cease, also complete column D.	C Provide brief description of locally specific SWMP BMP(s) that is more protective of water quality, including measurable goal(s). Include specific reference to location in existing SWMP	D Demonstrate that Reduction or Cessation of more protective BMP(s) is in compliance with this Order and the maximum extent practicable standard, and will not result in increased pollutant discharges (Justification for Reduction or Cessation of BMP(s))	
No.		1	2			3	4	5	Local MS4 Dept	SIE, Regional Organization or, Co-permittee									
144	4-3.b	X	X	Inspect 100% of applicable construction sites and take appropriate enforcement action to correct any observed violations	2014	1	√					RMA-ES		Equivalent to E.10.c.ii See additional information in the Introduction of the Appendix.	no	X	X	X	X
145	4-3.c	X	X	Hold an annual meeting of all construction inspectors from all participating entities prior to the start of the rainy season to discuss and share ideas regarding construction site BMPs	2014	1	√	√	√	√	√	RMA-ES		More protective than E.10.c	Yes	80% of construction inspectors from each municipality in attendance	Maintain	80% of construction inspectors from each municipality in attendance	X
146	E.10.c.iii	Reporting		Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X
147	E.11 POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR PERMITTEE OPERATIONS PROGRAM																		
148	E.11.a Inventory of Permittee-Owned and Operated Facilities																		
149	E.11.a.i	Task Description		Develop and maintain an inventory of Permittee-owned or operated facilities that are a threat to water quality, if applicable.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X
150	E.11.a.ii	Implementation Level		Include all Permittee-owned or -operated facilities that are potential significant sources of pollution in storm water according to the list in E.11.a.ii	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X
151	E.11.a.iii	Reporting		Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X
152	E.11.b Map of Permittee-owned or Operated Facilities																		
153	E.11.b.i	Task Description		Submit a map of the area within the permit boundary and identify where the inventoried Permittee-owned or -operated facilities are located.	2015	2		√				RMA-ES		X	no	X	X	X	X
154	E.11.b.ii	Implementation Level		The map identifying the location of Permittee-owned or operated facilities shall identify the storm water drainage system (e.g. storm water outfalls or other mechanisms in which storm water leaves the site) corresponding to each facility as well as the receiving waters to which these facilities discharge. The map shall also show the facility and the manager of each facility, including contact information .	2015	2		√				RMA-ES		X	no	X	X	X	X
155	E.11.b.iii	Reporting		Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X

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						No.	1	2	3	4													
2	MRSWMP PERMIT COMPARABLE BEST MANAGEMENT PRACTICE (BMP)	PERMIT SECTION AND ELEMENT		Detail & / or Existing	Permit Compliance Year (June 30th unless otherwise noted)	Permit Year					Responsible Implementing Party	Additional implementation notes (i.e., goals, milestones, etc.)	A Is/are existing locally specific SWMP BMP(s) more protective of water quality than minimum requirements of this order? [Y/N] If yes, complete column B. (Or Not Applicable)	Previous SWMP Measurable Goal. Complete this column only if Column A is Yes.	B If Column A is "Yes", indicate if you will Maintain, Reduce or Cease BMP(s) and complete Column C. If Reduce or Cease, also complete column D.	C Provide brief description of locally specific SWMP BMP(s) that is more protective of water quality, including measurable goal(s). Include specific reference to location in existing SWMP	D Demonstrate that Reduction or Cessation of more protective BMP(s) is in compliance with this Order and the maximum extent practicable standard, and will not result in increased pollutant discharges (Justification for Reduction or Cessation of BMP(s))						
169	6-7.e	X	X	Inspect the MS4's vehicle maintenance facilities annually and correct 100% of deficiencies noted	2014	1	√	√	√	√		RMA-ES		Equivalent to E.11.e.ii.b	no	X	X	X					
170	6-8.b	X	X	Inspect the MS4's vehicle washing facilities annually and correct 100% of deficiencies noted	2014	1	√	√	√	√		N / A		Equivalent to E.11.e.ii.b	no	X	X	X					
171	E.11.e.ii.c	Implementation Level		Quarterly hotspot visual observations: results shall be kept with the SWPPP including any noted deficiencies and corrective actions	2018	5					√	RMA-PW-Facilities		X	no	X	X	X					
172	E.11.e.ii.d	Implementation Level		Non-hotspot inspections: Inspect each non-hotspot inventoried facilities at least once per permit term	2018	5					√	RMA-ES		X	no	X	X	X					
173	E.11.e.iii	Reporting		Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2018	5					√	RMA-ES		X	no	X	X	X					
174	E.11.f Storm Drain System Assessment and Prioritization																						
175	E.11.f.i	Task Description		Develop and implement procedures to assess and prioritize MS4 storm drain system maintenance, including detention basins and receiving water bodies within the Permittee's urbanized area. If flood control maintenance is undertaken by another entity, the Permittee shall coordinate with the flood conveyance management entity by year 3 to assess and prioritize maintenance of MS4 storm drain system.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X					
176	E.11.f.ii	Implementation Level		Assess/ prioritize MS4 storm drain system facilities based on criteria presented in E.11.f.ii	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X					
177	6-6.b	X	X	Perform an analysis for pollutants of concern in material removed from streets by sweeping	2014	1	X					N / A		Similar to E.11.f.ii	Yes	Analysis of material performed in Permit years 2 and 5 (2007-8, 2010-11)	Cease	Perform an analysis of POCs in material removed from streets by sweeping in Permit years 2 and 5	No demonstrable water quality improvements were realized from performing these analyses.				
178	6-10.f	X	X	Perform an analysis for pollutants of concern in material removed from catch basins by cleaning	2014	1	X					N / A		Similar to E.11.f.ii	Yes	Analysis of material performed in Permit years 2 and 5 (2007-8, 2010-11)	Cease	Perform an analysis of POCs in material removed from catch basins by cleaning in Permit years 2 and 5	No demonstrable water quality improvements were realized from performing these analyses.				
179	E.11.f.iii	Reporting		Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X					
180	E.11.g Maintenance of Storm Drain System																						
181	E.11.g.i	Task Description		Begin maintenance of all high priority storm drain systems on an ongoing schedule.	2016	3			√	√	√	RMA-PW-Maint.		X	no	X	X	X					
182	E.11.g.ii.a	Implementation Level		Inspect storm drain systems based on priorities assigned in Section E.11.f; at a minimum, inspect all high priority catch basins and systems annually	2016	3			√	√	√	RMA-PW-Maint.		X	no	X	X	X					

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						Permit Year						Responsible Implementing Party								
2	MRSWMP PERMIT COMPARABLE BEST MANAGEMENT PRACTICE (BMP)	PERMIT SECTION AND ELEMENT		Detail & / or Existing	Permit Compliance Year (June 30th unless otherwise noted)	No.	1	2	3	4	5	Local MS4 Dept	SIE, Regional Organization or, Co-permittee	Additional implementation notes (i.e., goals, milestones, etc.)	A Is/are existing locally specific SWMP BMP(s) more protective of water quality than minimum requirements of this order? [Y/N] If yes, complete column B. (Or Not Applicable)	Previous SWMP Measurable Goal. Complete this column only if Column A is Yes.	B If Column A is "Yes", indicate if you will Maintain, Reduce or Cease BMP(s) and complete Column C. If Reduce or Cease, also complete column D.	C Provide brief description of locally specific SWMP BMP(s) that is more protective of water quality, including measurable goal(s). Include specific reference to location in existing SWMP	D Demonstrate that Reduction or Cessation of more protective BMP(s) is in compliance with this Order and the maximum extent practicable standard, and will not result in increased pollutant discharges (Justification for Reduction or Cessation of BMP(s))	
183		E.11.g.ii.b	Implementation Level				Clean storm drain systems - develop and implement a schedule to clean high-priority areas based on the priorities established in E.11.f	2016	3			√	√							√
184	E.11.g.ii.c	Implementation Level		Label catch basins in high foot traffic areas; re-label illegible or missing labels within one month of inspection	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	
185	E.11.g.ii.d	Implementation Level		Maintain surface drainage structures - trash removal from high priority areas shall occur at least annually prior to the rainy season	2016	3			√	√	√	RMA-PW-Maint.		X	no	X	X	X	X	
186	E.11.g.ii.e	Implementation Level		Dispose of waste materials - develop and implement a procedure to de-water and dispose of materials extracted from catch basins.	2016	3			√	√	√	RMA-PW-Maint.		X	no	X	X	X	X	
187	6-6.a	X	X	Conduct street sweeping in accordance with Permit-specified frequencies	2014	1	√	√	√	√	√	RMA-PW-Maint.		More protective than E.11.g. ii.b	Yes	Conduct street sweeping in accordance with Permit-specified frequencies (twice per year prior to and after the last rains of the season). See additional information in Table 2A of Appendix.	Maintain	X	X	
188	6-10.b	X	X	Inspect catch basins and inlets in "hot spot" areas annually, prior to the rainy season and clean as necessary	2014	1	√	√				RMA-PW-Maint.		Equivalent to E.11.g.ii.a	no	X See additional information in Introduction and Table 2A of Appendix.	X	X	X	
189	6-10.c	X	X	Clean and repair hot spot catch basins, inlets and piping prior to November 1 annually	2014	1	√	√	√	√	√	RMA-PW-Maint.		Equivalent to E.11.g.ii.b	Yes	Clean and repair hot spot catch basins, inlets and piping prior to November 1 annually. See additional information in Introduction and Table 2A of Appendix.	Maintain	See BMP details at left	X	
190	6-10.d	X	X	Re-inspect identified problem areas for debris accumulation during the rainy season and perform additional cleaning if necessary	2014	1	√	√	√	√	√	RMA-PW-Maint.		Equivalent to E.11.g.ii.d	Yes	Re-inspect identified problem areas for debris accumulation during the rainy season and perform additional cleaning if necessary. See additional information in Introduction and Table 2A of Appendix.	Maintain	See BMP details at left	X	
191	E.11.g.iii	Reporting		Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	
192	6-10.e	X	X	Document storm drain inspections and cleanings	2014	1	√	√				RMA-PW-Maint.		Equivalent to E.11.g.iii	no	X	X	X	X	
193	E.11.h	Permittee Operations and Maintenance Activities (O&M)																		
194	E.11.h.i	Task Description		Assess Permittee O&M activities for potential to discharge pollutants in storm water and inspect all O&M BMPs on a quarterly basis.	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	
195	E.11.h.ii.a	Implementation Level		Develop and implement a program to assess O&M activities for their potential to discharge pollutants in storm water, and subsequently develop applicable BMPs	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	
196	6-5.a	X	X	Dechlorinate and de-brominate swimming pool discharges before discharge to storm drains	2014	1	√	√	√	√	√	N / A		More specific than E.11.h. ii.a.8	Yes	100% of swimming pool discharges shall be dechlorinated and de-brominated before discharge to storm drains	Maintain	X	X	
197	E.11.h.ii.b	Implementation Level		Identify all materials that could be discharged from O&M activities and which materials contain pollutants	2016	3			√	√	√	PW-Maint., Facilities, Constr.		X	no	X	X	X	X	

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2	MRSWMP PERMIT COMPARABLE BEST MANAGEMENT PRACTICE (BMP)	PERMIT SECTION AND ELEMENT		Detail & / or Existing	Permit Compliance Year (June 30th unless otherwise noted)	No.	1	2	3	4	5	Local MS4 Dept	SIE, Regional Organization or, Co-permittee	Additional implementation notes (i.e., goals, milestones, etc.)	A Is/are existing locally specific SWMP BMP(s) more protective of water quality than minimum requirements of this order? [Y/N] If yes, complete column B. (Or Not Applicable)	Previous SWMP Measurable Goal. Complete this column only if Column A is Yes.	B If Column A is "Yes", indicate if you will Maintain, Reduce or Cease BMP(s) and complete Column C. If Reduce or Cease, also complete column D.	C Provide brief description of locally specific SWMP BMP(s) that is more protective of water quality, including measurable goal(s). Include specific reference to location in existing SWMP	D Demonstrate that Reduction or Cessation of more protective BMP(s) is in compliance with this Order and the maximum extent practicable standard, and will not result in increased pollutant discharges (Justification for Reduction or Cessation of BMP(s))	
198		E.11.h.ii.c	Implementation Level				Develop and implement a set of BMPs (using the CASQA Municipal Handbook or equivalent) that will reduce pollutants in storm water and non-storm water discharges	2016	3			√	√							√
199	6-3.b	X	X	Document used oil and used oil filter disposal	2014	1	X					N / A		More specific than E.11.h. ii.c	Yes	Document used oil and used oil filter disposal	Cease	See description and measurable goal at left	No demonstrable water quality improvements were realized by providing this information in the Annual Report	
200	6-7.a	X	X	Provide a designated area for all vehicle maintenance	2014	1	√	√	√	√	√	RMA-PW-Fleet		More specific than E.11.h. ii.c	Yes	100% of Permitted MS4s shall have a designated area for all vehicle maintenance	Maintain	X	X	
201	6-7.b	X	X	Conduct maintenance indoors or under a covered area whenever possible	2014	1	√	√	√	√	√	RMA-PW-Fleet		More specific than E.11.h. ii.c	Yes	Conduct maintenance indoors or under a covered area whenever possible	Maintain	X	X	
202	6-7.c	X	X	Install oil separators in municipal vehicle yards as necessary and required	2014	1	√	√	√	√	√	RMA-PW-Facilities		More specific than E.11.h. ii.c	Yes	Install oil separators in municipal vehicle yards as necessary and required	Maintain	X	X	
203	6-7.d	X	X	Stencil storm drain inlets in municipal corporation yard areas	2014	1	√	√	√	√	√	RMA-PW-Facilities		More specific than E.11.h. ii.c	Yes	Stencil storm drain inlets in municipal corporation yard areas	Maintain	X	X	
204	6-7.f	X	X	Store materials and wastes under cover whenever possible	2014	1	√	√	√	√	√	Fleet, Maint, Facil, Const		More specific than E.11.h. ii.c	Yes	Store materials and wastes under cover whenever possible	Maintain	X	X	
205	6-10.a	X	X	Stencil catch basins and inlets as needed as a preventative measure	2014	1	√	√	√	√	√	RMA-ES		More specific than E.11.h. ii.c	Yes	Stenciling is covered under BMP 2-2.c	Maintain	X	X	
206	6-11.a	X	X	Regularly inspect and clean municipal facility trash enclosures	2014	1	√	√	√	√	√	RMA-PW-Facilities		More specific than E.11.h. ii.c	Yes	100% of trash enclosures inspected and cleaned in accordance with Table 2A of Appendix	Maintain	X	X	
207	6-11.b	X	X	Regularly inspect and clean parks	2014	1	√	√	√	√	√	RMA-PW-Facilities		More specific than E.11.h. ii.c	Yes	100% of parks and park trash enclosures inspected and cleaned per Table 2A of Appendix	Maintain	X	X	
208	E.11.h.ii.d	Implementation Level		Evaluate BMPs on a quarterly basis	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	
209	E.11.h.iii	Reporting		Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	
210	E.11.i Incorporation of Water Quality and Habitat Enhancement Features in Flood Management Facilities																			
211	E.11.i.i	Task Description		By year 3 the Permittee shall develop and implement a process for incorporating water quality habitat enhancement features into new and rehabilitated flood management facilities.	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	
212	E.11.i.ii	Implementation Level		The permittee shall develop and implement a process to incorporate water quality and habitat enhancement features in the design of all new and rehabilitated flood management projects that are associated with the MS4 or that discharge to the MS4.	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	
213	E.11.i.iii	Reporting		Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2016	3			√	√	√	RMA-ES		X	no	X	X	X	X	

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214		E.11.j Landscape Design and Maintenance																						
215		E.11.j.i	Task Description	Implement a landscape design and maintenance program to reduce the amount of water, pesticides, herbicides and fertilizers used during Permittee operations and activities	2015	2		√	√	√	√	RMA-PW-Facilities		X	no	X	X	X						
216	6-4.a (part 2)	X	X	Minimize irrigation runoff at 80% of Permittee's facilities	2014	1	X					N / A		Similar to E.11.j.i	Yes	Minimize irrigation runoff at 80% of Permittee's facilities	Cease	See description and measurable goal at left	No demonstrable water quality improvements were realized by this BMP. Typically, 100% of facilities are monitored.					
217	6-4.a (part 3)	X	X	Ensure that 90% of sprinkler inventory is operational	2014	1	X					N / A		Similar to E.11.j.i	Yes	Ensure that 90% of sprinkler inventory is operational	Cease	See description and measurable goal at left	No demonstrable water quality improvements were realized by this BMP. Typically, greater than 90% of inventory is operational at any given time.					
218		E.11.j.ii.a	Implementation Tasks	Evaluate pesticides, herbicides and fertilizers used and application activities performed and identify pollution prevention and source control opportunities	2015	2		√	√	√	√	RMA-PW-Facilities		X	no	X	X	X	X					
219		E.11.j.ii.b	Implementation Tasks	Implement practices that reduce the discharge of pesticides, herbicides, and fertilizers	2015	2		√	√	√	√	RMA-PW-Facilities		X	no	X	X	X	X					
220	6-4.b	X	X	Perform spraying when rain is not predicted	2014	1	√					RMA- PW-Facilities, Maint., Constr.		Effectively equivalent to E.11.j. ii.b.2.f	Yes	No pesticide use will occur when a 20% or greater chance of rain is predicted by NOAA website within the next 24-hour period	Cease	See description and measurable goal at left	This BMP is essentially equivalent to E.11.j. (ii)(b) 2).f					
221		E.11.j.iii	Reporting	Permittee shall submit a summary of past year's activities to SMARTS and certify compliance with all requirements of this program element. The summary shall also address the relationship to the Permittee's Program Effectiveness Assessment and Improvement Plan.	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X					
222	E.12 POST CONSTRUCTION STORMWATER MANAGEMENT PROGRAM																							
223	E.12.a	Post Construction Measures	NOTE: Central Coast Post Construction Requirements (CC-PCRs) will be implemented per E.12.k beginning March 6, 2014																					
224		Regulate development to comply with the following sections	When implementing a Regional Board-developed watershed process approach, only Sections E.12.j and E.12.e (ii)e are required to be implemented (see E.12.k)	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X						
225	E.12.d.	Source Control Measures -	NOTE: Required to be implemented by E.12.e (ii) e																					
226		Required to implement:	Standard permanent and/or operation source control measures as applicable shall be implemented on Regulated Projects with pollutant-generating activities and sources	2015	2		√	√	√	√	RMA-PW, Facilities, Maint., Constr.		X	no	X	X	X	X						
227		Measures shall be designed:	Consistent with recommendations from the CASQA Stormwater BMP Handbook for New Development & Redevelopment or equivalent manual	2015	2		√	√	√	√	RMA-ES, RMA-PW	Both- (MRSWMP)	X	no	X	X	X	X						
228	E.12.e	LID Design Standards																						
229		E.12.e. ii.e	Source Controls	Permittee shall implement Source Controls as defined in E.12.d - Source Control Measures	2015	2		√	√	√	√	RMA-ES		X	no	X	X	X	X					

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1	A	B	C	D	E	F					G	H	I	J	K	L	M	N	O	P	Q	R	S	
						No.	1	2	3	4														5
2	MRSWMP PERMIT COMPARABLE BEST MANAGEMENT PRACTICE (BMP)	PERMIT SECTION AND ELEMENT		Detail & / or Existing	Permit Compliance Year (June 30th unless otherwise noted)	Permit Year					Responsible Implementing Party		Additional implementation notes (i.e., goals, milestones, etc.)	A Is/are existing locally specific SWMP BMP(s) more protective of water quality than minimum requirements of this order? [Y/N] If yes, complete column B. (Or Not Applicable)	Previous SWMP Measurable Goal. Complete this column only if Column A is Yes.	B If Column A is "Yes", indicate if you will Maintain, Reduce or Cease BMP(s) and complete Column C. If Reduce or Cease, also complete column D.	C Provide brief description of locally specific SWMP BMP(s) that is more protective of water quality, including measurable goal(s). Include specific reference to location in existing SWMP	D Demonstrate that Reduction or Cessation of more protective BMP(s) is in compliance with this Order and the maximum extent practicable standard, and will not result in increased pollutant discharges (Justification for Reduction or Cessation of BMP(s))						
230		E.12.j Planning and Development Review Process																						
231		E.12.j.i	Task Description	Review planning and permitting process to assess any gaps or impediments impacting effective implementation of PCRs, and where found to exist, seek solutions to promote implementation of these requirements within the context of public safety and community goals for land use.	2016	1-3	√	√	√						RMA-ES		Prioritize review of landscape code to correct gaps and impediments impacting effective implementation of PCRs	no	X	X	X	X		
232		E.12.j.ii	Implementation Level	Conduct the review in Years 1-3 using an existing guide or template. Complete changes to the planning and permitting process by Year 4, prioritizing the landscape code	2017	4	√	√	√	√					RMA-ES	NOTE: The timing of this requirement appears to be in conflict with the schedules of E.12.j.11 (a) and (b) below:	no	X	X	X	X			
233		E.12.j.ii.a	Implementation Level	Conduct an analysis of landscape code to correct gaps and impediments impacting effective implementation of PCRs	2014	1	√							RMA-ES	X	no	X	X	X	X				
234	5-4.a	X	X	Conduct an analysis of applicable codes, regulations, standards and specifications to determine modifications to be made to enforceable mechanisms	2014	1	√							RMA-ES	equivalent to E.12.j.ii.a	no	X	X	X	X				
235		E.12.j.ii.b	Implementation Level	Complete any changes to landscape code to effectively administer PCRs.	2015	2		√						RMA-ES	X	no	X	X	X	X				
236		E.12.j.iii	Reporting	Complete and have available a summary of the review process and any proposed or completed changes to the Permittee's program	2015	2		√						RMA-ES	X	no	X	X	X	X				
237		E.12.k Post Construction Storm Water Management Requirements Based on Assessment and Maintenance of Watershed Processes																						
238			Applicable MS4s to comply with post-construction storm water management requirements based on a watershed-process approach developed by Regional Water Board	The Central Coast Post Construction Requirements (CC-PCRs) will be implemented, beginning March 6, 2014.	6-Mar-2014	1	√	√	√	√	√			RMA-ES	X	no	X	X	X	X				
239		CC-PCR A.	Watershed Management Zones	Urbanized areas categorized into 10 Watershed Management Zones (WMZs) and designated Groundwater Basins	6-Mar-2014	1	√	√	√	√	√			RMA-ES	Permittee shall maintain the ability to identify WMZs for regulated projects	no	X	X	X	X				
240		CC-PCR B.	Post Construction Requirements	Permittee shall apply PCRs to all applicable development projects that require permits issued under the Permittee's authority	6-Mar-2014	1	√	√	√	√	√			RMA-ES	X	no	X	X	X	X				
241		B.1)	Regulated Projects	Regulated projects include all new development or redevelopment projects that create or replace greater than or equal to 2,500 sf impervious surface	6-Mar-2014	1	√	√	√	√	√			RMA-ES	X	no	X	X	X	X				
242	5-2.b	X	X	Review 100% of applicable project plans for compliance with post construction guidelines (interim LID)	2014	1	√							RMA-ES	equivalent to CC-PCR B.1)c)	no	X	X	X	X				
243	5-4.c	X	X	Implement hydromodification controls and LID on applicable new and redevelopment projects; apply new/modified enforceable mechanisms to applicable projects	2014	1	√							RMA-ES	equivalent to CC-PCR B.1)c)	Yes	Apply new and/or modified enforceable mechanisms to all applicable new and redevelopment projects	Maintain through March 5, 2014. Cease beginning March 6, 2014	See BMP details at left.	New Post Construction Requirements that supersede BMP 5-4.b become effective on March 6, 2014				

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244		5-5.a	X			X	Develop municipality-specific hydromodification control criteria	2014	1	X													N/A	
245	5-6.a	X	X	Select applicability thresholds for application of hydromodification control criteria	2014	1	X					N/A		municipal-specific thresholds have been replaced by the Regional standards of the CC-PCRs	no	X	X	X	X					
246	5-7.e	X	X	Ensure LID principles are applied to 100% of all applicable new development and redevelopment projects	2014	1	√					RMA-ES		equivalent to CC-PCR B.1)c)	Yes	Apply LID principles and features to all applicable new and redevelopment projects	Maintain January 1, 2011 through March 5, 2014. Cease beginning March 6, 2014.	See BMP details at left.	New Post Construction Requirements that supersede BMP 5-7.e become effective on March 6, 2014					
247	B.2)	Performance Requirement 1 Site Design and Runoff Reduction		Regulated projects that create or replace greater than or equal to 2,500 sf impervious surface shall implement design strategies throughout the regulated site	6-Mar-2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
248	B.3)	Performance Requirement 2 Water Quality Treatment		Regulated projects that create or replace greater than or equal to 5,000 sf net impervious surface shall treat stormwater runoff prior to discharge	6-Mar-2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
249	B.4)	Performance Requirement 3 Runoff Retention		Regulated projects that create or replace greater than or equal to 15,000 sf impervious surface shall prevent offsite discharge from specified rainfall events	6-Mar-2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
250	B.5)	Performance Requirement 4 Peak Management		Regulated projects that create or replace greater than or equal to 22,500 sf impervious surface shall not allow post-developed peak runoff rates to exceed pre-project peak rates for the 2- through 10-year storm events	6-Mar-2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
251	B.6)	Performance Requirement 5 Special Circumstances		Regulated projects with highly altered channels, intermediate flow control facilities, or historic lake and wetlands, may be designated as Special Circumstances with modified performance requirements	6-Mar-2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
252	CC-PCR C.	Alternative Compliance		Alternative compliance may be met for regulated projects with technical infeasibility, within an approved Watershed or Regional Plan area, or within an approved Urban Sustainability Area	6-Mar-2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
253	CC-PCR D.	Field Verification of Post-Construction Stormwater Control Measures		Implement a mechanism to verify that stormwater control measures are designed and constructed in accordance with CC-PCRs prior to project occupancy.	6-Mar-2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
254	CC-PCR E.	Operation and Maintenance of Structural Stormwater Control Measures		O&M plans and legal agreements shall be required on private and public regulated projects	6-Mar-2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
255	5-3.a	X	X	Inspect 100% of applicable project sites for compliance with post construction guidelines (interim LID), or allow self certification by project owner	2014	1	√					RMA-ES		equivalent to CC-PCR E.3)g)	no	X	X	X	X					
256	5-7.f	X	X	Develop and maintain a tracking report that identifies LID design principles incorporated into each applicable new development and redevelopment project	2014	1	√					RMA-ES		equivalent to CC-PCR E.3)b)	Yes	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. Tracking Report due with Year 1 Annual Report on October 15, 2014.	Maintain through March 5, 2014. Cease beginning March 6, 2014	See BMP details at left.	New Post Construction Requirements that supersede BMP 5-7.f become effective on March 6, 2014					

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257		CC- PCR F.	Permittee Reporting Requirements			Information and data on regulated projects shall be included in the Permittee's Annual Report	15-Oct-2014	1	√	√	√	√	√							RMA-ES		X	no	X
258	E.13 WATER QUALITY MONITORING																							
259	E.13.a.	ASBS Monitoring	MS4s that discharge to ASBS and are covered by an Ocean Plan exception shall comply with the monitoring requirements described in Attachment C	2014	1	√	√	√				Regional (ASBS RMP)	X	no	X	X	X	X						
260	E.13.b.	TMDL Monitoring	Permittees assigned a wasteload allocation or identified as a responsible party in a TMDL shall comply with Attachment G and consult with the Regional Water Board to determine the monitoring study design and implementation schedule	2014	1	√					RMA-ES		X	no	X	X	X	X						
261	E.13.c.	303(d) Monitoring	Permittees discharging to 303(d) listed waterbodies with urban runoff as a source shall consult with Regional Water Board to assess whether monitoring is necessary, and if so, to determine the monitoring study design and implementation schedule.	2014	1	√					RMA-ES		X	no	X	X	X	X						
262	E.13.d.	Receiving Water Monitoring and Special Studies	For Traditional Small MS4 Permittees with a population greater than 50,000 that are not already conducting ASBS, TMDL, 303(d) monitoring efforts shall participate in one either 1) Receiving Water Monitoring, or 2) Special Studies	2014-2015	1 - 2	n/a					N / A		X	no	X	X	X	X						
263	E.13.d.1	Receiving Water Monitoring	Develop and implement a receiving water monitoring program to assess urban runoff impact to receiving water quality	2015	2	n/a					N / A		X	no	X	X	X	X						
264	E.13.d.2	Special Studies	As an option to Receiving Water Monitoring, Permittee may develop and implement a special study monitoring program to assess and evaluate the effectiveness of water quality projects or stormwater program elements.	2014	1	n/a					N / A		X	no	X	X	X	X						
265	2-2.d (part 4, p 16-Y1)	X	X	Based on information available, identify areas that are sources of T. Gondii and other pathogens that impact California Sea Otters	2014	1	X					N / A	This study was completed in 2007	Yes	Based on information available, identify areas that are sources of T. Gondii and other pathogens that impact California Sea Otters	Cease	See details at left	This study was completed in Permit Year 1 of the prior Permit (Water Quality Order No. 2003-0005-DWQ)						
266	2-2.d (part 4, p 16-Y2)	X	X	Create and implement a program to reduce and eliminate the sources of pollution identified in Year 1 as impacting California Sea Otters.	2014	1	X					N / A	This BMP was performed in 2008	Yes	Create and implement a program to reduce and eliminate the sources of pollution identified in Year 1 as impacting California Sea Otters.	Cease	See details at left	This BMP was completed in Permit Year 2 of the prior Permit (Water Quality Order No. 2003-0005-DWQ)						
267	E.14 PROGRAM EFFECTIVENESS ASSESSMENT AND IMPROVEMENT																							
268	E.14.a	Program Effectiveness Assessment and Improvement Plan																						
269	E.14.a.i	Task Description	Develop and implement a Program Effectiveness Assessment and Improvement Plan (ES IP) that tracks annual and long-term effectiveness of the storm water program. The goal is to improve program effectiveness at reducing targeted pollutants of concern, achieving the MEP standard, and protecting water quality. Permittees to identify a strategy used to gauge the effectiveness of prioritized BMPs and program implementation as a whole.	2015	2		√	√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	X						

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270	E.14.a.ii.a	Implementation Level	EA IP to include: 1) Identification of overall program goals including Pollutants Of Concern and prioritized BMPs 2) Documentation of the level of implementation of storm water program elements 3) Identification and targeting of target audience(s) 4) Assessment of BMP performance at achieving outcome levels 5) Assessment of pollutant source reductions achieved by individual BMPs 6) Quantification of pollutant loads and pollutant load reductions achieved by the program as a whole 7) MS4 discharge quality, where available, including analysis of the data 8) Receiving water quality data, including analysis of the data 9) Identification of long-term effectiveness assessment, to be implemented beyond the permit term	2015	2		√	√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	X					
271	E.14.a.ii.b	Implementation Level	Outcome Levels: 1) Storm water program activities 2) Awareness 3) Behavior 4) Pollutant load reductions 5) MS4 discharge quality (where assessment is supported by MS4 discharge quality data) 6) Receiving water conditions	2015	2		√	√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	X					
272	E.14.a.ii.c	Implementation Level	The Program Effectiveness Assessment and Improvement Plan shall identify assessment methods for privately owned BMPs.	2015	2		√	√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	X					
273	E.14.a.ii.d	Implementation Level	The Program Effectiveness Assessment and Improvement Plan shall identify assessment methods the Permittee will use to quantitatively assess BMP performance at reducing pollutant loads wherever feasible, using the following or equivalent methods: 1) Direct quantitative measurement of pollutant load removal for BMPs that lend themselves to such measurement (e.g., measuring sediment collected through street-sweeping activities); 2) Science-based estimates of pollutant load removal for BMPs where direct measurement of pollutant removal is overly challenging (e.g., removal of heavy metals through a bioswale); 3) Direct quantitative measurement of behaviors that serve as proxies of pollutant removal or reduction (e.g., the percentage of construction sites demonstrated by inspection to be in compliance with permit conditions); or 4) Visual comparison (e.g., using photographs to compare the amount of trash in a creek between one year and the next).	2015	2		√	√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	X					

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274	E.14.a.ii.e	Implementation Level	<p>The Program Effectiveness Assessment and Improvement Plan shall ask and answer the following Management Questions for prioritized BMPs for which answers to management questions can be based on quantitative data appropriate to the question being answered.</p> <p>1) Were prioritized BMPs or group of BMPs implemented in accordance with the permit requirements? The Permittee shall develop quantitative data using the following or equivalent methods: a) Confirmation – Documenting whether an activity or task has been completed, expressed as positive or negative outcome (i.e., yes or no) b) Tabulation – Simple accounting expressed in absolute (e.g., number of people participating), or relative terms (e.g. percent increase in recycled household hazardous waste)</p> <p>2) To what extent did prioritized BMPs or group of BMPs change the target audience's behavior? The Permittee shall develop quantitative data using the following or equivalent methods: a) Surveys or interviews to discern knowledge, attitudes, awareness, behavior of specific population, etc. b) Interviews of site personnel to discern awareness and behavior c) Inspections or site visits to directly observe or assess a practice.</p> <p>3) To what extent did prioritized BMPs or group of BMPs reduce pollutant loads from their sources to the storm drain system?</p>	2015	2	√	√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	X						
275				E.14.a.ii.f	Implementation Level	<p>(f) EA IP to include water quality monitoring data to determine: 1) To what extent did implementation of the BMP, group of BMPs, or storm water program enhance or change the urban runoff and discharge quality? 2) To what extent did implementation of the BMP, group of BMPs, or storm water program enhance or change receiving water quality? 3) Did exceedance(s) of water quality objectives or water quality standards persist notwithstanding implementation of the storm water program? The Program Effectiveness Assessment and Improvement Plan shall include documentation of the effectiveness of BMPs implemented to reduce the discharge of pollutants to the MS4 to the MEP and protect water quality.</p>	2015	2	√	√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	Needs to be based on regionally available data	no	X	X	X	X			
276							E.14.a.iii	Reporting	<p>EA IP (Part I) By the second year Annual Report complete and submit the Program Effectiveness Assessment and Improvement Plan. The Plan shall include the strategy the Permittee will use to assess the effectiveness of the program, the specific measures the Permittee will use to assess the effectiveness of BMPs and/or groups of BMPs, and how the Permittee will use the information obtained through effectiveness assessment to modify individual BMPs and the program as a whole to increase short and long-term effectiveness.</p>	2015	2	√	√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	
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278	1-1.b	E.14.a.iii	Reporting	(EA IP (Part II) In subsequent Annual Reports, describe implementation of the Program Effectiveness Assessment and Improvement Plan, summarize data obtained through effectiveness assessment measures and the short and long-term progress of the storm water program, and provide an analysis of the data to improve program effectiveness, to achieve the MEP standard, protect water quality, and to document the Permittee's compliance with permit conditions. Permittees that have a Program Effectiveness Assessment and Improvement Plans, or equivalent, approved by the applicable Regional Board, or that have a schedule approved by the applicable Regional Board to develop and implement such a Plan, shall adhere to the Plan and/or schedule approved by the Regional Board unless otherwise directed by the Regional Board.	2016	3			√	√	√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	X	
279		E.14.a.iii	Program Effectiveness and Improvement Plan	EA IP (Part III) By the fifth year annual report, complete and submit an analysis of the effectiveness of modifications made at improving BMP and/or program effectiveness. Coordinate with RWQCB on expectations, timing and frequency of BMP modifications.	2018	5					√	Both RMA-ES	Both (MRSWMP and / or Regional Monitoring Program)	X	no	X	X	X	X	
280		E.14.b Stormwater Program Modifications																		
281		E.14.b.i	Task Description	Modify BMPs and/or program as a whole to improve the effectiveness of: removing pollutant loads, achieving MEP standard, and protecting water quality. Identify priority areas for program improvement, make changes as necessary per RWQCB approval	2018	5					√	Both RMA-ES	Both (MRSWMP)	X	no	X	X	X	X	
282		E.14.b.ii	Implementation Level	Identify and summarize BMP and/or program modifications identified in priority program areas. Modifications shall include: (a) Improving upon BMPs that are underperforming (b) Continuing and expanding upon BMPs that proved to be effective, including identifying new BMPs or modifications to existing BMPs designed to increase pollutant load reductions; (c) Discontinuing BMPs that may no longer be productive and replacing with more effective BMPs; and (d) Shifting priorities to make more effective use of resources	2018	5					√	Both RMA-ES	Both (MRSWMP)	X	no	X	X	X	X	
283		X	X	Update Measurable Goals of the Public Education and Outreach Plan to maximize efficiency in audiences reached using all available information.	2014	1	√	√	√	√		Both RMA-ES	Both (MRSWMP)	equivalent to E.14.b.ii	no	X	X	X	X	
284		E.14.b.iii	Reporting	Submit the list of BMP and/or program modifications for priority program areas, including identification of priority program areas and the implementation schedule the Permittee will follow during the next permit term. The modifications shall be aimed at the goal of reducing pollutant loads, achieving the MEP standard and protecting water quality.	2018	5					√	Both RMA-ES	Both (MRSWMP)	X	no	X	X	X	X	

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1	A	B	C	D	E	F					G	H	I	J	K	L	M	N	O	P	Q	R	S
						No.	1	2	3	4													
2	MRSWMP PERMIT COMPARABLE BEST MANAGEMENT PRACTICE (BMP)	PERMIT SECTION AND ELEMENT	Detail & / or Existing	Permit Compliance Year (June 30th unless otherwise noted)							Local MS4 Dept	SIE, Regional Organization or, Co-permittee	Additional implementation notes (i.e., goals, milestones, etc.)	A Is/are existing locally specific SWMP BMP(s) more protective of water quality than minimum requirements of this order? [Y/N] If yes, complete column B. (Or Not Applicable)	Previous SWMP Measurable Goal. Complete this column only if Column A is Yes.	B If Column A is "Yes", indicate if you will Maintain, Reduce or Cease BMP(s) and complete Column C. If Reduce or Cease, also complete column D.	C Provide brief description of locally specific SWMP BMP(s) that is more protective of water quality, including measurable goal(s). Include specific reference to location in existing SWMP	D Demonstrate that Reduction or Cessation of more protective BMP(s) is in compliance with this Order and the maximum extent practicable standard, and will not result in increased pollutant discharges (Justification for Reduction or Cessation of BMP(s))					
285	E.15 TOTAL MAXIMUM DAILY LOADS COMPLIANCE REQUIREMENTS																						
286	E.15.a	Task Description	Comply with all approved TMDLs identified in Attachment G	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
287	E.15.b	Implementation Level	Waste load allocations (LA), effluent limitations, implementation and monitoring requirements in the adopted and approved Regional Water Board Basin Plan are incorporated herein by reference as enforceable parts of this Order	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
288	E.15.c	Implementation Level	Regional Water Board to review TMDLs and propose modifications to requirements as appropriate	2014	1	√					RMA-ES		X	no	X	X	X	X					
289	3-7.a	X	X	Develop a Waste Load Allocation Attainment Plan for applicable areas within Monterey County to meet the Pajaro River fecal coliform TMDL	2014	1	√				RMA-ES		Equivalent to E.15.c	no	X	X	X	X					
290	E.15.d	Reporting	Report status of implementation via SMARTS	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
291	E.15.e	Implementation Level	Comply with Clean Water Act Sections 303d,306b and 314	2014	1	√	√	√	√	√	RMA-ES		X	no	X	X	X	X					
292	E.16 ANNUAL REPORTING PROGRAM																						
293	E.16.a	Task Description	Use SMARTS to report annual summary of past year's activities and certify compliance	2014	1	√	√	√	√	√	Both RMA-ES	Both (MRSWMP)	X	no	X	X	X	X					
294	E.16.b	Implementation Level	Complete and retain annual report information and make available during normal business hours	2014	1	√	√	√	√	√	Both RMA-ES	Both (MRSWMP)	X	no	X	X	X	X					
295	E.16.c	Implementation Level	Submit detailed written or oral report to RWQCB when requested by Regional Water Board Executive Officer	2014	1	√	√	√	√	√	Both RMA-ES	Both (MRSWMP)	X	no	X	X	X	X					
296	2-1.a	X	X	Post Draft Annual Report to MontereySEA.org web site for public review and comment. Consider all written public comments for program improvement and include in Annual Report.	2014	1	X				N / A		More specific than E.16	Yes	Post Draft Annual Report to MontereySEA.org web site for public review and comment	Cease	Include all written and oral comments in the annual report	No demonstrable water quality improvements were realized by this BMP over 7 years. Few comments were received from implementing this BMP. No changes to the Program were implemented as the result of these comments and is thus ineffective.					
297	2-1.c	X	X	Hold Annual Workshop #2 in early November to solicit public input on the Program BMPs and program measurable goals. The measurable goal for BMP 2-1.c is 40 participants per workshop	2014	1	X				N / A		More specific than E.16	Yes	Hold Annual Workshop #2 in early November to solicit public input on the Program BMPs and Measurable Goals	Cease	Hold a public workshop to discuss Annual Report and program effectiveness	No demonstrable water quality improvements were realized by this BMP over 7 years. Few comments were received from implementing this BMP. No changes to the Program were implemented as the result of these comments and is thus ineffective.					
298	E.16.d	Implementation Level	Permittees involved in a regional program may coordinate with other members to identify reporting responsibility.	2014	1	√	√	√	√	√	Both RMA-ES	Both (MRSWMP)	X	no	X	X	X	X					