

MRP 2.0 Schedule of Key Reporting Requirements - Yellow Highlights Show Challenging Provisions

MRP 2.0 Schedule of Key Reporting Requirements - **Yellow Highlights show challenging Provisions**

Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
C.1 - Compliance with Discharge Prohibitions and Receiving Water Limitations							
C.1	Compliance with Discharge Prohibitions and Receiving Water Limitations	C.1.a. - Upon a determination by either the Permittee(s) or the Water Board that discharges are causing or contributing to an exceedance of an applicable water quality standard, the Permittee(s) shall notify, within no more than 30 days, and thereafter submit a report to the Water Board that describes controls or best management practices (BMPs) that are currently being implemented, and the current level of implementation, and additional controls or BMPs that will be implemented, and/or an increased level of implementation, to prevent or reduce the discharge of pollutants that are causing or contributing to the exceedance of water quality standards.	Notification within 30 days. Report to be submitted in conjunction with the Annual Report, unless the Water Board directs an earlier submittal, and shall constitute a request to the Water Board for amendment of the permit. Submit any modifications to the report required by Water Board within 30 days of notification.				
C.2 - Municipal Operations							
C.2.a	Street and Road Repair Maintenance	The Permittees shall report on implementation of and compliance with BMPs in the Annual Report.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.2.b	Sidewalk/Plaza Maintenance and Pavement Washing						
C.2.c	Bridge and Structure Maintenance and Graffiti Removal						
C.2.d	Stormwater Pump Stations	The Permittees shall maintain records of inspection, maintenance, and implementation of corrective actions (including when discharge drops below 3.0 mg/L for Dissolved Oxygen at Permittee-owned or -	maintain records				
C.2.e	Rural Public Works Construction and Maintenance	The Permittees shall report on the implementation of and compliance with BMPs for the rural public works construction and maintenance activities in their Annual Report, including reporting on increased maintenance in priority areas.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		The Permit shall provide training incorporating these BMPs to rural public works maintenance staff at least twice within this permit term	twice during permit term				
C.2.f	Corporation Yard BMP Implementation (if not covered under IGP)	The Permittees shall list activities conducted in the corporation yard that have BMPs in the site specific SWPPP, date of inspections, the results of inspections, and any follow-up actions, including the date corrective actions were implemented, in their Annual Report.	For FY 15-16, report on implement of SWPPPs, inspections, and follow up actions.	Starting in FY 16-17, also list activities conducted in the corp yard that have BMPs in the site specific SWPPP	2018 AR	2019 AR	2020 AR
C.2.f	Corporation Yard BMP Implementation (if not covered under IGP)	Inspection corporation yards on an annual basis between September 1 and September 30		2017 AR	2018 AR	2019 AR	2020 AR
C.3 - New Development and Redevelopment							
C.3.a	New Development and Redevelopment Performance Standard Implementation	C.3.a.ii. - Provide a brief summary of the method(s) of implementation of Provisions C.3.a.i.(1)–(8) in the 2016 Annual Report	2016 AR only				
C.3.b	Regulated Projects	C.3.b.iii. - All elements of Provision C.3.b.i.-ii. shall be fully implemented immediately, including a database or equivalent tabular format that contains all the information listed under Reporting (Provision C.3.b.iv.).	implement immediately				
		C.3.b.iv.(1) - Provide a complete list of development projects that are subject to the requirements of Provision C.3.b.i.(2). For each project, indicate the type of stormwater treatment system required or the specific exemption granted, pursuant to Provision C.3.b.i.(2)(a) and (b). If no projects are subject to		2017 AR only			

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		C.3.b.iv.(2) - For each Regulated Project approved during the fiscal year reporting period, the specified information (see C.3.b.iv.(2)(a)-(n)) shall be reported electronically in the fiscal year Annual Report, in tabular form (as in the Provision C.3.b. Sample Reporting Table):	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.3.c	Low Impact Development (LID)	C.3.c.ii.(2) - For specific tasks listed that are reported using the reporting tables required for Provision C.3.b.iv, a reference to those tables will suffice.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.3.d	Numeric Sizing Criteria for Stormwater Treatment Systems	C.3.d.ii. - Permittees shall use the reporting tables required in Provision C.3.b.iv.(2)	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.3.e	Alternative or In-Lieu Compliance with Provision C.3.b	C.3.e.i.(3) - For the alternative compliance options described in Provision C.3.e.i.(1) and (2), offsite and Regional Projects must be completed within three years after the end of construction of the Regulated Project. This may be extended, up to five years after the completion of the Regulated Project, with prior Executive Officer approval.	within 3 years after end of construction				
		C.3.e.ii. - Applicable Special Projects per provision C.3.e.ii may be treated with one or a combination of the following two types of non-LID treatment systems: 1) Tree-box-type high flowrate biofilters, or 2) Vault-	Immediate compliance; however, per C.3.e.iii.(2) the definitions for FAR and gross density applicable to Provisions				
		C.3.e.iv. - Annual reporting shall be done in conjunction with reporting requirements under Provision C.3.b.iv	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.3.e.iv. - Any Permittee choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e, shall include a statement to that effect in each Annual Report.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.3.e.v.(1) - Permittees shall track any identified potential Special Projects, including those projects that have submitted planning applications but that have not received final discretionary approval. C.3.e.v.(2) - In each Annual Report, Permittees shall report to the Water Board on these tracked potential Special Projects using Table 3.1 found at the end of Provision C.3.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.3.e.v.(3) - Once a Special Project has final discretionary approval, it shall be reported in the Provision C.3.b. Reporting Table in the same reporting year that the project was approved. In addition to the column entries contained in the Provision C.3.b. Reporting Table, the Permittees shall provide supplemental information for each approved Special Project (see C.3.e.v.(3)).	Report in year the project was approved				
C.3.f	Alternative Certification of Stormwater Treatment Systems	C.3.f.iii. - Projects reviewed by third parties shall be noted in reporting tables for Provision C.3.b.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.3.g	Hydromodification Management	C.3.g.v. - All HM Projects shall meet the HM Standard in Provision C.3.g.ii. immediately. For Contra Costa Permittees, Projects receiving final planning entitlements on or before January 3, 2018 may be allowed to use the Contra Costa design standards from the previous Permit. After January 3, 2018, for Contra Costa Permittees, Projects shall comply with Contra Costa design standards, including any modifications made.	Immediate compliance				
		C.3.g.vi.(1) - New HM Applicability Maps or equivalent information prepared pursuant to Provision C.3.g.i, for those Permittees who do not have an approved Map, shall be submitted, acceptable to the Executive Officer, not later than the second Annual Report following the Permit's effective date.		2017 AR only			
		C.3.g.vi.(2) - Contra Costa Permittees shall, with the 2017 Annual Report, submit a technical report, acceptable to the Executive Officer, consisting of an HM Management Plan describing how Contra Costa will implement the Permit's HM requirements (e.g., how it will update or modify its practices to meet Permit requirements). See provision for additional details.		2017 AR only			
		C.3.g.vi.(3) - Reporting of HM projects shall be as described in Provision C.3.b.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.3.g.vi.(4) - Permittees shall report collectively, with each Annual Report, a listing, summary, and date of modifications made to the BAHM, including the technical rationale. This shall be prepared at the Countywide Program level and submitted on behalf of participating Permittees.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR

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		C.3.g.vi.(5) - In addition, for each HM Project approved during the reporting period, Permittees shall collect and make available the information specified in C.3.g.vi.(5). Information shall be reported electronically, and, where appropriate, in tabular form.	Maintain records				
C.3.h	Operation and Maintenance of Stormwater Treatment Systems	C.3.h.i. - Each Permittee shall implement an Operation and Maintenance (O&M) Verification Program including, at a minimum, the elements outlined in C.3.h.ii.(1)-(7).	Immediately, except as follows: (1) July 1, 2016 for Provision C.3.h.ii.(6) and all requirements pertaining to pervious pavement systems in Provisions C.3.h.ii.(1)-(5), C.3.h.iv., and C.3.h.v. (2) July 1, 2017 for Provision C.3.h.ii.(7).				
		C.3.h.ii.(7) - Develop and implement an Enforcement Response Plan for all O&M inspections that serves as a reference document for inspection staff so that consistent enforcement actions can be taken to bring development projects into compliance. The ERP must contain the enforcement procedures, enforcement tools and field scenarios, timely correction of identified problems outlined in C.3.h.ii.(7)(a)-(c).	Permittees must have an ERP in place by July 1, 2016.				
		C.3.h.v.(1) - The database or equivalent tabular format required in Provisions C.3.b.ii.(4) and (5) shall be maintained by the Permittees. Upon request from the Executive Officer, information from this database or equivalent tabular format shall be submitted to Board staff for review. The requested information may include specific details on each inspection conducted within particular timeframes, such as several fiscal years.	Maintain records				
		C.3.h.v.(2) - On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting period) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. This list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.	Annually, no later than September 30.				
		C.3.h.v.(3) - Each Permittee shall report the information specified in C.3.h.v.(3)(a)-(f) in the Annual Report each year.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.3.h.v.(4) - Each Permittee shall certify in the 2017 Annual Report that an ERP has been completed by July 1, 2017.		2017 AR only			
C.3.i	Required Site Design Measures for Small Projects and Detached Single-Family Home Projects	On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
	C.3.j.i. - Green Infrastructure Program Plan Development	C.3.j.i.(1)-(5) - Prepare and submit documentation of a framework or workplan that includes a statement of purpose, and describes tasks and timeframes for completion of the GI Plan elements listed in Provision C.3.j.i, which has been approved by the Permittee's governing body, mayor, city manager, or county manager by July 30, 2017. See C.3.j.i.(1)-(5) for a complete description of the required elements of a GI Plan.		2017 AR provide documentation framework approved by June 30, 2017		2019 AR submit completed GI Plan	
		C.3.j.i.(2)(g) - For street projects not subject to Provision C.3.b.ii (i.e., non-Regulated Projects), Permittees may collectively propose a single approach with their Green Infrastructure Plan for how to proceed should project constraints preclude fully meeting the C.3.d sizing requirements. See C.3.j.i.(2)(g) for further details regarding this option.	Address pursuit of this option in the framework or workplan to be submitted by June 30, 2017. Include the proposed approach in the completed Green Infrastructure Plan due with the 2019 Annual Report.				

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C.3.j	C.3.j.ii. - Early Implementation of Green Infrastructure Projects	C.3.j.ii.(1) - Prepare and maintain a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures.					
		C.3.j.ii.(2) - Submit the list with each Annual Report and a summary of planning or implementation status for each public green infrastructure project and each private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Include a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
	C.3.j.iii. - Participate in Processes to Promote Green Infrastructure	C..3.j.iii.(1) - Permittees shall collectively or individually, track processes, assemble and submit information, and provide informational materials and presentations as needed to assist relevant regional, State, and federal agencies to plan, design, and fund incorporation of green infrastructure measures into					
		C.3.j.iii.(2) - In each Annual Report, Permittees shall report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.3.j.iii.(3) - In the 2019 Annual Report, Permittees shall submit a plan and schedule for new and ongoing efforts to participate in processes to promote green infrastructure.				2019 AR only	
	C.3.j.iv. - Tracking and Reporting Progress	C.3.j.iv.(1) - The Permittees shall, individually or collectively, develop and implement regionally-consistent methods to track and report implementation of green infrastructure measures including treated area and					
		C.3.j.iv.(2) - In each Annual Report, Permittees shall report progress on development and implementation of the tracking methods.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.3.j.iv.(3) - In the 2019 Annual Report, Permittees shall submit the tracking methods and report implementation of green infrastructure measures including treated area, and connected and disconnected impervious area on both public and private parcels within their jurisdictions.				2019 AR only	
C.4 - Industrial and Commercial Site Controls							
C.4.b	Industrial and Commercial Business Inspection Plan (Inspection Plan)	The Inspection Plan shall be updated annually including adding the list of planned inspections the	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		For each facility identified in Provision C.4.b.ii.(2)(d), the Permittee shall maintain a database or equivalent tabular system	maintain records				
		The Permittees shall include the list (i.e. inventory) of all industrial and commercial facilities requiring inspections identified in Provision C.4.b.ii.(2)(d) in each Annual Report.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.4.c	Enforcement Response Plan (ERP)	Each Permittee shall implement and update, as needed, its ERP	update as needed				
		Corrective actions shall be implemented before the next rain event, but no longer than 10 business days after the potential and/or actual non-stormwater discharges are discovered.	within 10 business days after the discharge				

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C.4.d	Inspections	Permittees shall include inspection information in each Annual Report (see section C.4.d.iii)	2016 AR	Starting in FY 16-17, slight modification on inspection information collected and reported on.	2018 AR	2019 AR	2020 AR
	Inspections	Evaluate frequency of discharges by business category and identify trends. To address any observed	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.4.e	Staff Training	Provide inspection training annually	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		Report on training (see C.4.e.iii)	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.5 - Illicit Discharge Detection and Elimination							
C.5.b	Enforcement Response Plan (ERP)	Each Permittee shall require timely correction of all potential and/or actual discharges. Active discharges shall be required to cease immediately. Corrective actions shall be implemented before the next rain event, but no longer than 10 business days after the potential and/or actual discharges are discovered.	within 10 business days after the discharge				
C.5.c	Spill and Dumping Complaint Response Program	The Permittee’s website shall be updated with the central contact point to report spills and dumping by June 30, 2016.	6/30/16				
		Permittees shall provide the following information in the 2016 and 2020 Annual Reports: (1) The spill and dumping reporting phone number and the web address, if used; (2) A screen shot of the Permittee’s website showing the central contact point; and (3) A discussion of how the central contact point – spill and dumping reporting phone number and, if used, the web address – is being publicized to Permittees’ staff and the public.	2016 AR				2020 AR
C.5.d	Tracking and Case Follow-up	Maintain a water quality spills, dumping, and complaints tracking and followup in an electronic database or equivalent tabular system. To include complaint information AND investigation information.	maintain records				
	Tracking and Case Follow-up	Permittees shall provide the following information in the Annual Report: (1) Number of discharges reported; (2) Number of discharges reaching storm drains and/or receiving waters; and (3) Number discharges resolved in a timely manner	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR

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C.5.e	Control of Mobile Sources	In the 2017 Annual Report, each Permittee shall provide the following: (a) minimum standards and BMPs for each of the various types of mobile businesses; (b) its enforcement strategy; (c) a list and summary of the specific outreach events and education conducted to the different types of mobile businesses operating within a Permittee's jurisdiction; (d) the number of inspections conducted at mobile businesses and/or job sites in 2016-2017; (e) discuss enforcement actions taken against mobile businesses in 2016-2017; (f) Permittee's inventory of mobile businesses operating within a Permittee's jurisdiction; and (g) a list and summary of the county-wide or regional activities conducted, including sharing of mobile business inventories, BMP requirements, enforcement action information, and education.		2017 AR			
		In the 2019 Annual Report, each Permittee shall include at least the following: (a) changes to minimum standards and BMPs for each of the various types of mobile businesses since the 2017 Annual Report; (b) changes to the Permittee's enforcement strategy; (c) minimum standards and BMPs developed for additional types of mobile businesses; (d) a list and summary of specific outreach events and education conducted to each type of mobile businesses operating within the Permittee's jurisdiction during the Permit term; (e) a discussion of the inspections conducted at mobile businesses and/or job sites; (f) Permittee's inventory of mobile businesses operating within the Permittee's jurisdiction; and (g) a discussion of the enforcement actions taken against mobile businesses during the permit term.				2019 AR	
C.5.f	Municipal Separate Storm Sewer System (MS4) Map	In the 2016 and 2019 Annual Reports, Permittees shall discuss how they make MS4 maps available to the public and how they publicize the availability of the MS4 maps.	2016 AR			2019 AR	
C.6 - Construction Site Control							
C.6.a.	Legal Authority for Effective Site Management	C.6.a.i and ii. - Permittees shall have the ability to require and implement effective stormwater pollutant controls year-round to prevent discharge of pollutants into the storm drains, and implement progressively stricter enforcement to achieve expedient compliance and cleanup at all public and private construction sites.	Immediate				
C.6.b	Enforcement Response Plan (ERP)	C.6.b.i. and ii. - Each Permittee shall implement and update, as needed, its ERP - a reference document for inspection staff to take consistent actions to achieve timely and effective compliance at all public and private construction sites in accordance with Provisions C.6.b.ii.(1)-(3).	Corrective actions shall be implemented before the next rain event, but no longer than 10 business days after the potential and/or actual discharges are discovered. Corrective actions can be temporary and more time can be allowed for permanent corrective actions. If more than 10 business days				
C.6.c.	Best Management Practices Categories	C.6.c.i. and ii. - Permittees shall require all construction sites to have specific, and seasonally and phase-appropriate, effective BMPs in the following six categories: 1. Erosion Control; 2. Run-on and Run-off	Immediate				
C.6.d.	Plan Approval Process	C.6.d.i. and ii.(1)-(3) - Permittees shall review erosion control plans for consistency with local requirements and the appropriateness and adequacy of proposed BMPs for each site before issuance of grading permits	Immediate				
C.6.e.	Inspections	C.6.e.i. - Permittees shall conduct inspections to determine compliance with local ordinances (grading and stormwater) and determine the effectiveness of the BMPs in the six categories listed in C.6.c.i in	Immediate				
		C.6.e.ii.(1) - By September 1 of each year, each Permittee shall remind all site developers and/or owners disturbing one acre or more of soil, hillside projects, and high priority sites to prepare for the upcoming	9/1/2016	9/1/2017	9/1/2018	9/1/2019	9/1/2020
		C.6.e.ii.(2)-(4) - Inspections shall be conducted monthly during the wet season (October - April) at the sites specified in C.6.e.ii.(2)(a)-(c). The contents of these Inspections shall conform to Provision C.6.e.ii.(3) and	Inspections monthly (October - April)				
		C.6.e.iii.(1) - In the 2016 Annual Report, each Permittee shall certify the criteria it uses to determine hillside developments. If the Permittee is using maps of hillside developments areas or other written criteria, include a copy in the Annual Report.	2016 AR only				
		C.6.e.iii.(2) - In each Annual Report, each Permittee shall summarize the information specified in C.6.e.iii.(2)(a)-(i).					

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		C.6.e.iii.(3) - Beginning with the 2016-2017 Annual Report, each Permittee shall summarize the information outlined in C.6.e.iii.(3)(a)-(g).		2017 AR	2018 AR	2019 AR	2020 AR
		C.6.e.iii.(4) - In each Annual Report, each Permittee shall evaluate its respective electronic database or tabular format and the summaries produced in C.6.e.ii.(4). This evaluation shall include findings on the	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.6.e.iii.(5) - The Executive Officer may require that the information recorded and tracked by C.6.e.ii.(4) be submitted electronically or in a tabular format.	Permittees shall submit the information within 10 working days of the Executive Officer's requirement. Submittal of the				
C.6.f	Staff Training	C.3.f.i. and ii. - Permittees shall provide training or access to training at least every other year to municipal staff responsible for conducting construction site stormwater inspections.	Every other year beginning in Fiscal Year 2015/16.				
		C.6.f.iii. - Permittees shall include in each Annual Report the following information: training topics covered, dates of training, and the number of the Permittees’ inspectors attending each training. If there was no training in that year, so state.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.7 - Public Information and Outreach							
C.7.a	Storm Drain Inlet Marking	C.7.a.ii.(1) - Inspect and maintain storm drain inlet markings of at least 80 percent of municipality maintained inlets to ensure they are legibly labeled with a no dumping message or equivalent once per permit term.	once during permit term				
		C.7.a.ii.(2) - Storm drain inlet markings of newly developed privately-maintained streets shall be verified prior to acceptance of the project. Permittees shall require maintenance of the storm drain inlet markings through the development maintenance entity.	Immediate.				
		C.7.a.iii. - In the 2020 Annual Report, each Permittee shall (1) state how many municipally-maintained storm drain inlets it has, (2) certify that at least 80 percent of municipality maintained storm drain inlet markings are legibly labeled with an appropriate stormwater pollution prevention message during the permit term; (3) include a picture of a labeled municipality maintained inlet; and (4) certify that all privately maintained streets had storm drain inlet markings verified prior to acceptance of the project and were required to maintain the storm drain inlet markings through the development maintenance entity.					2020 AR only
C.7.b	Outreach Campaigns - Permittees shall continue to participate in or contribute to outreach campaigns, with the goal of significantly increasing overall awareness of stormwater runoff pollution prevention messages and behavior changes in target audiences.	C.7.b.ii.(1) - Target a broad audience with a minimum of one outreach campaign with specific stormwater runoff pollution prevention messages. The outreach campaign(s) should utilize various electronic and print media, and paid and free media to be reach the different target audiences. The advertising	During permit term				
		C.7.b.ii.(2) - Permittees shall conduct a post-campaign effectiveness assessment/evaluation to identify and quantify the audiences' knowledge, trends, and attitudes and/or practices; and to measure the overall population's awareness of the messages and behavior changes achieved by the outreach campaigns. Effectiveness assessment/evaluation may be done regionally or county-wide.	During permit term				
		C.7.b.iii. - In the Annual Report following the post campaign effectiveness assessment/evaluation, each Permittee (or the Countywide Program, if the effectiveness assessment/evaluation was done county-wide or regionally) shall provide a report of the effectiveness assessment/evaluation completed which, at	In the AR following completion of the post-campaign effectiveness assessment/evaluation.				

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C.7.c	Stormwater Pollution Prevention Education - Permittees shall continue to maintain a point of contact to provide the public with stormwater pollution prevention information.	C.7.c.ii.(1) - Each Permittee shall maintain and publicize one point of contact for information on stormwater issues, watershed characteristics, and stormwater pollution prevention alternatives. This point of contact can be maintained individually or collectively and Permittees may combine this function with the spill and dumping complaint central contact point required in C.5.	Immediate				
		C.7.c.ii.(2) - Each Permittee shall place and maintain information on stormwater issues, watershed characteristics, and stormwater pollution prevention alternatives on its website. In lieu of posting the detailed informational pages directly on their individual websites, Permittees may choose to provide links from their websites to the countywide Program's and/or BASMAA's websites. Each Permittee shall publicize its website.	Immediate				
		C.7.c.iii. - In the 2016 Annual Report, each Permittee shall list the point of contact, discuss how this point of contact and stormwater pollution website are publicized and maintained, and certify that it has a website dedicated to providing and maintaining information on stormwater issues, watershed	2016 AR only				
C.7.d	Public Outreach and Citizen Involvement Events	C.7.d.ii. - Each Permittee shall annually participate and/or host a mix of public outreach and citizen involvement events according to its population, as shown in Table 7.1.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		C.7.d.iii. - In each Annual Report, each Permittee shall list the events (name of event, event location, and event date) participated in; identity whether the event is public outreach or citizen involvement; and assess the effectiveness of efforts with appropriate measures (e.g., success at reaching a broad spectrum of the community, number of participants compared to previous years, post-event effectiveness assessment/evaluation results, quantity/volume of materials cleaned up and comparisons to previous efforts).					
C.7.e	Watershed Stewardship Collaborative Efforts	C.7.e.iii. - In each Annual Report, each Permittee shall state the level of effort, describe the support given, state what efforts were undertaken and the results of these efforts, and provide an evaluation of the effectiveness of these efforts.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.7.f	School-Age Children Outreach	C.7.f.iii. - In each Annual Report, each Permittee shall state the level of effort, spectrum of children reached, and methods used, and provide an evaluation of the effectiveness of these efforts.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.7.g	Outreach to Municipal Officials	At least once per permit cycle, or more often. Permittees shall summarize efforts in the 2020 Annual Report.					2020 AR
C.8 - Water Quality Monitoring							
C.8.c	San Francisco Estuary Receiving Water Monitoring	The Permittees shall participate in implementing an Estuary receiving water monitoring program, at a minimum equivalent to the San Francisco Estuary Regional Monitoring Program by contributing their fair-share financially on an annual basis.	\$ to RMP	\$ to RMP	\$ to RMP	\$ to RMP	\$ to RMP
	Creek Status Monitoring	Sampling shall occur once per year during the appropriate index period (April 15-June 30) with consideration of antecedent rainfall. Contra Costa Permittees shall collect at least 10 samples per year.	1x/yr	1x/yr	1x/yr	1x/yr	1x/yr

MRP 2.0 Schedule of Key Reporting Requirements - Yellow Highlights Show Challenging Provisions

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Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
C.8.d	i. Chlorine	10 locations per year	10/yr	10/yr	10/yr	10/yr	10/yr
	ii. Temperature	4 reaches per year	4/yr	4/yr	4/yr	4/yr	4/yr
	iii. Continuous Monitoring of DO, T, pH, EC	2 sites per year in Spring, 2 sites per year in Summer	2/yr	2/yr	2/yr	2/yr	2/yr
	iv. Toxicity in Water Column	1 site per year	1/yr	1/yr	1/yr	1/yr	1/yr
	v. Toxicity and Pollutants in Sediment	1 site per year	1/yr	1/yr	1/yr	1/yr	1/yr
	vi. Pathogen Indicators	5 sites per year	5/yr	5/yr	5/yr	5/yr	5/yr
C.8.e	Stressor/Source Identification (SSID) Projects	Review Creek Status Monitoring (C.8.d) results annually and develop a list of all results exceeding thresholds described therein.	review results	review results	review results	review results	review results
		The Permittees shall develop a work plan for each SSID project and submit the work plans with the Urban Creeks Monitoring Report (UCMR) such that a minimum of half the required number of SSID projects are started (at a minimum, have a workplan) by the third year of the permit term.	3/15/16	3/15/17	3/15/18	3/15/19	3/15/20
		The Permittees shall conduct SSID investigations according to the schedule in each SSID project work plan and shall report on the status of SSID investigations annually in the UCMR. SSID projects are intended to be oriented toward taking action(s) to alleviate stressors and reduce sources of pollutants; thus the Permittees shall attempt to complete all steps for half their required SSID projects, at a minimum, during the permit term.					11/30/20
		When a Permittee(s) determines that discharges to its stormwater collection system(s) contribute to an exceedance of a water quality standard or an exceedance of a trigger threshold such that the water body's beneficial uses are not supported, the Permittee(s) shall submit a report in the UCMR that describes BMPs that are currently being implemented, and the current level of implementation, and additional BMPs that will be implemented, and/or an increased level of implementation, to prevent or reduce the discharge of pollutants that are causing or contributing to the exceedance of WQSS. The report shall include an implementation schedule.	3/15/16	3/15/17	3/15/18	3/15/19	3/15/20
		The Permittees shall submit an SSID report in each UCMR which summarizes the actions taken in C.8.e.i-iii above. The SSID report shall include a running summary of all SSID projects (C.8.e.ii), including start date, brief problem definition, and schedule for each project. As projects progress, the SSID report shall describe findings and monitoring results and outline steps for the upcoming year for each ongoing project. The Permittees shall submit the SSID report with each UCMR.	3/15/16	3/15/17	3/15/18	3/15/19	3/15/20
C.8.f	Pollutants of Concern Monitoring	See Table 8.4 for POC Monitoring Parameters, Effort and Type				9/30/19	
C.8.g	Reporting	When data collected pursuant to C.8.a.- C.8.f. indicate that discharges are causing or contributing to an exceedance of an applicable water quality standard, the Permittees shall notify the Water Board within no more than 30 days of such a determination and submit a follow up report in accordance with Provision C.1 requirements.	as necessary				
	ii. Electronic Reporting	The Permittees shall submit to the California Environmental Data Exchange Network (CEDEN) all results from monitoring conducted pursuant to Provisions C.8.d. Creek Status, C.8.e. SSID Projects (as applicable), and C.8.f. Pollutants of Concern. Data that CEDEN cannot accept are exempt from this requirement. Data shall be submitted in SWAMP formats and with the quality controls required by CEDEN. Data collected during the previous October 1–September 30 period shall be submitted by March 15 of each year.	3/15/16	3/15/17	3/15/18	3/15/19	3/15/20
	iii. Urban Creeks Monitoring Report	The Permittees shall submit a comprehensive Creek Status Monitoring Report no later than March 15 of each year, reporting on all data collected during the foregoing October 1–September 30 period. (See C.8.g.iii for specifics)	3/15/16	3/15/17	3/15/18	3/15/19	

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Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
	iv. Pollutants of Concern Monitoring Reports	By October 15 of each year of the permit (beginning in 2016), the Permittees shall submit a report describing the allocation of sampling effort for POC monitoring for the forthcoming year and what was accomplished for POC monitoring during the preceding water year. The report shall include (for preceding year and projected for forthcoming year): monitoring locations, number and types of samples collected, purpose of sampling (management question addressed), and analytes measured. Any data not reportable to CEDEN should also be included in this report.	10/15/16	10/15/17	10/15/18	10/15/19	10/15/20
	v. Integrated Monitoring Report	No later than March 15 of the fifth year of the permit term, Permittees shall submit an Integrated Monitoring Report in lieu of the annual Urban Creeks Monitoring Report. (See C.8.g.v for specifics)					3/15/20
C.9 - Pesticide Toxicity Control							
C.9.a	Maintain and Implement an Integrated Pest Management (IPM) Policy or Ordinance and Standard Operating Procedures	<p>In their Annual Reports, the Permittees shall certify they are implementing their IPM policy or ordinance and standard operating procedures, report trends in quantities and types of pesticide active ingredients used, and explain any increases in use of pesticides of concern to water quality as listed in the introduction section of this Provision.</p> <p>In their Annual Reports, the Permittees shall provide a brief description (e.g., one or two sentences) of two IPM tactics or strategies implemented in the reporting year. To the extent possible, different IPM actions should be described each year, so that a range of IPM actions is described over the permit term.</p>	2016 AR	Starting in the 2017 AR, Permittees shall report on trends and quantities of pesticide active ingredient usage.	2018 AR	2019 AR	2020 AR
C.9.b	Train Municipal Employees	In their Annual Reports, the Permittees shall report the percentage of municipal employees who apply pesticides who have received training in their IPM policy or ordinance and IPM standard operating procedures within the last year. This report shall briefly describe the nature of the training, such as tailgate training provided by a Permittee’s IPM coordinator, IPM training through the Pesticide Applicators Professional Association, etc.					
C.9.c	Require Contractors to Implement IPM	In their Annual Reports, the Permittees shall state how they verified contractor compliance with IPM policies. This verification shall include, at a minimum, an evaluation of lists of pesticides and amounts of					
C.9.d	Interface with County Agricultural Commissioners	In their Annual Reports, the Permittees shall briefly describe the communications they have had with county agricultural commissioners and report follow-up actions to correct violations of pesticide regulations.					
C.9.e	Public Outreach to Consumers at the Point of Purchase	In each Annual Report, Permittees shall describe their actions taken in the three outreach categories. Outreach conducted at the county or regional level shall be described in Annual Reports prepared at that respective level; reiteration in individual Permittee reports is discouraged. Reports shall include a brief description of outreach conducted in each of the three categories, including level of effort, messages and target audience.					
	Public Outreach to Residents that Contract for Pest Control and Landscape Services						

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Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
	Public Outreach to Pest Control Professionals						
C.9.f	Track and Participate in Relevant Regulatory Processes	In their Annual Reports, the Permittees shall summarize participation efforts, information submitted, and how regulatory actions were affected. Permittees who contribute to a county, regional, or state-wide effort shall submit one report at the county or regional level. Duplicate reporting is discouraged. Permittees who do not contribute to a regional or county-wide effort shall list their own participation efforts, information submitted, and how regulatory actions were affected.					
C.9.g	Evaluate Implementation of Pesticide Source Control Actions	<p>This task is necessary to gauge how effective the implementation actions taken by Permittees are in (a) achieving TMDL targets and (b) avoiding future pesticide-related toxicity in urban creeks. Once during the permit term, Permittees shall conduct a thoughtful evaluation of their IPM efforts, how effective these efforts appear to be, and how they could be improved.</p> <p>In their 2019 Annual Reports, the Permittees shall submit this evaluation, which shall include an assessment of the effectiveness of their IPM efforts required in Provisions C.9.a-e and g; a discussion of any improvements made in these efforts in the preceding five years; and any changes in water quality regarding pesticide toxicity in urban creeks. This evaluation shall also include a brief description of one or more pesticide-related area(s) the Permittee will focus on enhancing during the subsequent permit term. Work conducted at the county or regional level shall be evaluated at that respective level; reiteration in individual Permittee evaluation reports is discouraged.</p>				2019 AR	
C.10 - Trash Load Reduction							
C.10.a	i. Schedule	Permittees shall reduce trash discharges from 2009 levels, described below, to receiving waters in accordance with the following schedule:					
		60% by 7/1/16 (performance guideline)	7/1/16				
		70% by 7/1/17 (mandatory)		7/1/17			
		80% by 7/1/18 (mandatory)			7/1/18		
		100% or no adverse impact to receiving water from trash by 7/1/22 (mandatory)					--> 7/1/22
	ii. Trash Generation Area Management	Permittees shall have an opportunity to correct and/or revise, based on improved information, the 2009 trash levels and trash generation areas in their February 2014 maps by submitting the correction and/or revision no later than the 2016 Annual Report deadline.	2016 AR				
		Permittees shall ensure that lands that they do not own or operate but that are plumbed directly to their storm drain systems in Very High, High, and Moderate trash generation areas are equipped with full trash capture systems or are managed with trash discharge control actions equivalent to or better than full trash capture systems. The efficacy of the latter shall be assessed with visual assessments in accordance with C.10.b.ii. If there is a full trash capture device downstream of these lands, no other trash control is required. Permittees shall map the location or otherwise record the location of all such lands greater than 10,000 ft ² that are plumbed directly to their storm drain systems by July 1, 2018, including the trash control status of these areas. This information shall be retained the Permittees for inspection upon			Due by 2018 AR but only need to submit upon request		

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Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
	iii. Mandatory Minimum Full Trash Capture	<p>Permittees must install and maintain a mandatory minimum number of full trash capture devices as stated in MRP 1.0. See C.10.a.iii for details</p> <p>MRP 2.0 notes in this section that a stormwater treatment facility implemented in accordance with Provision C.3 is also deemed a full capture system if the facility, including its maintenance, prevents the discharge of trash to the downstream MS4 and receiving waters and discharge points from the facility, including overflows, are appropriately screened or otherwise configured to meet the full trash capture screening specification for storm flows up to the full trash capture one year, one hour storm hydraulic</p>					
C.10.b	i. Full Trash Capture Systems a. Maintenance	Storm drain inlet type full trash capture devices in Low or Moderate trash generation areas shall be maintained a minimum of once per year.	1x/yr	1x/yr	1x/yr	1x/yr	1x/yr
		Storm drain inlet type full trash capture devices in Very High or High trash generation areas shall be maintained a minimum of twice per year at least 3 months apart. If inspection frequency is excessive after	2x/yr	2x/yr	2x/yr	2x/yr	2x/yr
		All other full trash capture devices shall be maintained a minimum of one time per year.	1x/yr	1x/yr	1x/yr	1x/yr	1x/yr
		If any device is found plugged/blinded or greater than 50% full, must increase frequency of maintenance to	as needed				
	i. Full Trash Capture Systems	Permittees shall retain device specific maintenance records, (per C.10.b.i.b). A summary of this information shall be reported in each Annual Report which may be limited to the number of full capture	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
	i. Full Trash Capture Systems	Permittees shall certify annually that each of their full trash capture systems is operated and maintained to meet full trash capture system requirements.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
	ii.b.i. - iii Visual Assessment of Outcomes	Permittees must conduct observations within a TMA of the sidewalk, curb, and gutter, or locations associated with trash generation sources. Conduct observations at randomly selected locations covering at least a 10% of a TMA's street miles; or at strategic locations with justification they are representative of a trash generation in the TMA and will represent the effectiveness of the control actions implemented.	4-9 times/yr	4-9 times/yr	4-9 times/yr	4-9 times/yr	4-9 times/yr
	ii.b.iv Special Study Assessment Method	Permittees may put forth substantial evidence that certain management actions or sets of actions when performed to a specified performance yield a certain trash reduction outcome reliably. If this evidence is presented and accepted by the E.O., Permittees may claim a similar trash reduction outcome by demonstrating that they have performed these same actions within TMAs to the same performance standard as accepted by the E.O.	Assuming On-Land Cleanup Effectiveness Study Would be Conducted and Completed by end of FY				
	iv. Source Control	Permittees jurisdiction-wide actions to reduce trash at the source may be valued toward trash load reduction up to 10%. To claim percent reduction value, Permittees must provide substantive and credible evidence that these actions reduce trash by the claimed value. A Permittee may reference studies in	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
	v. Receiving Water Monitoring Development and Testing Plan	Permittees shall conduct receiving water monitoring and develop receiving water monitoring tools and protocols and a monitoring program designed to answer certain management questions (see C.10.b.v).		2017 AR	2018 AR if Receiving Water		
		Monitoring at representative sites to begin October 2017 or if third party used to develop Plan, monitoring to begin no later than October 2018.			10/1/2018	10/1/2019 if third party	
	v. Receiving Water Monitoring Report and Proposed Monitoring Program	See C.10.f for Reporting Requirements					

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Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
C.10.c	Trash Hot Spot Selection and Cleanup	<p>The Permittees shall clean selected Trash Hot Spots to a level of “no visual impact” at least one time per year for the term of the permit.</p> <p>Documentation the clean up activity to be retained by the Permittees and must include trash condition before and after cleanup of the hot spot using photo documentation with a minimum of one photo per 100 ft of hot spot length.</p>	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.10.d	Trash Load Reduction Plans	Each Permittee shall maintain, and provide for inspection and review upon request, a Trash Load Reduction Plan, including an implementation schedule to meet the C.10.a Trash Load Reduction requirements. A summary of any new revisions to the Plan shall be included in the Annual Report.	Maintain and provide for inspection and review upon request. Submit with the respective AR any new revisions to the Plan.				
	Optional Trash Load Reduction Offset Opportunities	A Permittee may offset part of its provision C.10.a trash load percent reduction requirement by conducting additional cleanup of creek and shoreline areas beyond trash hot spot cleanups required by C.10.c if the additional cleanup efforts are conducted at a frequency of at least twice per year and sufficient to demonstrate sustained improvement of the creek or shoreline area. The maximum offset that may be claimed is 10%.	2x/yr	2x/yr	2x/yr	2x/yr	2x/yr
	i. Additional Creek and Shoreline Cleanup						
	ii. Direct Trash Discharge Controls	A Permittee may offset an additional part of its provision C.10.a trash load percent reduction requirement by implementing a comprehensive Direct Discharge plan approved by the E.O. for control of direct discharges of trash to receiving waters from non-storm drain system sources. The maximum offset that may be claimed is 15% percent using the C.10.e.i formula. The Direct Discharge plan shall be submitted no later than than February 1 of the first year in which the offset will be reported in the following Annual	2/1/2016	2/1/2017	2/1/2018	2/1/2019	2/1/2020
C.10.f	Reporting	Submittal of corrected or revised 2009 trash generation rate baseline map	2016 AR				
		If a Permittee cannot meet the 60% trash load reduction performance guideline, that Permittee must	2016 AR				
		If a Permittee cannot meet the 70% trash load reduction requirement for FY 2016-2017, that Permittee		2017 AR			
		If a Permittee cannot meet the 80% trash load reduction requirement for FY 2018-2019, that Permittee				2019 AR	
		See C.10.f for other annual report submittals (summary of trash control actions, hot spot clean ups,	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		Permittees shall report on progress of the Monitoring Program in the 2018 Annual Report and submit a			2018 AR -	2019 AR -	2020 AR -
		For Permittees claiming a C.10.e.i offset (additional creek and shoreline cleanups), a summary description	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		For Permittees claiming a C.10.e.ii offset (Direct Discharge Plan), a summary of the control actions	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.11 - Mercury Control							
C.11.a	Implement Control Measures to Achieve Mercury Load Reductions.	The Permittees shall report by February 1, 2016, a list of the watersheds (or portions therein) where mercury control measures are currently being implemented and those in which control measures will be implemented (C.11.a.ii(1)) during the term of this permit as well as the monitoring data and other information used to select these watersheds.	2/1/16				
		The Permittees shall report in their 2016 Annual Report the specific control measures (C.11.a.ii(2)) that are currently being implemented and those that will be implemented in watersheds identified under C.11.a.iii(1) and an implementation schedule (C.11.a.ii(3)) for these control measures. (See C.11.a.iii.(2) for report specifics).	2016 AR				
		Beginning with the 2017 Annual Report and continuing in all Annual Reports, Permittees shall update all the information required under C.11.a.iii(2) as necessary to account for new control measures implemented, but not described, in the 2016 Annual Report.		2017 AR	2018 AR	2019 AR	2020 AR

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Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
C.11.b	Assess Mercury Load Reductions from Stormwater	The Permittees shall submit, for Executive Officer approval, by April 1, 2016, a full description of an adequate measurement and estimation methodology and rationale for the approaches used to assess mercury load reductions achieved through mercury source control, stormwater treatment, green infrastructure projects, and other stormwater management measures implemented during the term of this permit.	4/1/16				
		Beginning with the 2016 Annual Report, Permittees shall report annually the loads reduced using the approved estimation methodology to demonstrate cumulative mercury load reduced from each control measure implemented since the beginning of permit term. Permittees shall submit all supporting data and information necessary to substantiate the load reduction estimates, including appropriate reference to the control measures described in the reporting required under C.11.a. (See C.11.b.iii.(1) for additional specifics)	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		In their 2018 and subsequent Annual Reports, the Permittees shall submit, for Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.			2018 AR	2019 AR	2020 AR
C.11.c	Plan and Implement Green Infrastructure to reduce mercury loads	For all Permittees combined, these county-specific average annual mercury load reductions from green infrastructure projects total 48 g/yr during each of the final three years of the permit. The green infrastructure load reduction performance criteria shall be assessed for compliance at the end of year 4 and will be computed as the average load reduction of years 3-5 (year 5 load reductions shall be estimated according to the predicted benefit of control measures that Permittees commit to implement in year 5).				Sep-19	
		Mercury Load Reduction 9 g/year for final 3 years of permit through green infrastructure implementation			9 g/yr	9 g/yr	9/yr
		The Permittees shall submit in their 2017 Annual Report (as part of reporting for C.11.b.ii(1)), the quantitative relationship between green infrastructure implementation and mercury load reductions. This submittal shall include all data used and a full description of models and model inputs relied on to establish this relationship.		2017 AR			
		The Permittees shall submit in their 2019 Annual Report an estimate of the amount and characteristics of land area that will be treated through green infrastructure implementation by future years 2020, 2030, and 2040. This submittal shall include all data used and a full description of models and model inputs relied on to generate this estimate.				2019 AR	
		The Permittees shall submit in their 2019 Annual Report a reasonable assurance analysis to demonstrate quantitatively that mercury reductions of at least 10 kg/yr will be realized by 2040 through implementation of green infrastructure projects. This submittal shall include all data used and a full description of models and model inputs relied on to make the demonstration and documentation of peer review of the reasonable assurance analysis.				2019 AR	
		The Permittees shall submit as part of reporting for C.11.b.ii(2), beginning with their 2019 Annual Report, an estimate of the amount of mercury load reductions resulting from green infrastructure implementation during the term of the permit. This submittal shall include all data used and a full description of models and model inputs relied on to generate this estimate.				2019 AR	
C.11.d	Prepare Implementation Plan and Schedule to Achieve TMDL Allocations	Permittees shall submit the plan and schedule in the 2019 Annual Report.				2019 AR	

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Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
C.11.e.	Implement a Risk Reduction Program	The Permittees shall report on the status of the risk reduction program in each of their Annual Reports, including a brief description of actions taken, an estimate of the number of people reached, and why these people are deemed likely to consume Bay fish.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		The Permittees shall report the findings of the effectiveness evaluation of their risk reduction program in their Annual Report on year four of the permit term.				2019 AR	
C.12 - Polychlorinated Biphenyls (PCBs) Controls							
C.12.a	Implement Control Measures to Achieve PCBs Load Reductions Permittees shall continue implementing existing or initiate new PCBs source and treatment control measures and pollution prevention strategies to achieve PCBs load reductions throughout the area covered by the permit.	Implement sufficient control measures to achieve county-specific load reductions shown in Table 12.1 and demonstrate achievement of these load reductions by using the accounting methods established according to provision C.12.b.	90 g/yr	90 g/yr	560 kg/yr	560 kg/yr	560 kg/yr
		Report list of the watersheds (or portions therein) where PCB control measures are currently being implemented and those in which control measures will be implemented during the term of this permit as well as the monitoring data and other information used to select these watersheds.	2/1/16				
		Report specific control measures that are currently being implemented and those that will be implemented in identified watersheds and an implementation schedule.	2016 AR				
		Update all the information as necessary to account for new control measures implemented but not described in the 2016 Annual Report.		2017 AR	2018 AR	2019 AR	2020 AR
C.12.b	Assess PCB Load Reductions from Stormwater Develop and implement an assessment methodology and data collection program to quantify PCBs loads reduced through implementation of any and all pollution prevention, source control, and treatment control efforts required by the provisions of this permit or load reductions achieved through other relevant efforts not explicitly required by the provisions of this permit. Use the assessment methodology to demonstrate progress toward the interim load reduction	Submit, for Executive Officer approval, by , a full description of the measurement and estimation methodology and rationale for the approaches used to assess PCBs load reductions achieved through PCBs source control, stormwater treatment, green infrastructure projects, and other stormwater management measures implemented during the term of this permit.	4/1/16				
		Report annually the loads reduced using the approved estimation methodology to demonstrate cumulative PCBs load reduced from each control measure implemented since the beginning of permit term.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		Submit for EO approval any updates, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions.			2018 AR	2019 AR	2020 AR
C.12.c	Plan and Implement Green Infrastructure to Reduce PCBs Loads Implement green infrastructure projects during the term of the permit to achieve PCBs load reductions of 120 g/year over the final three years of the permit term. Additionally, Permittees shall provide reasonable assurance of PCBs load reductions of at least 3 kg/yr throughout the Permit area by 2040 through implementation of green infrastructure plans.	Implement sufficient green infrastructure projects to achieve county-specific load reductions shown in Table 12.2 and demonstrate achievement of these load reductions by using the accounting methods.			24 g/yr	24 g/yr	24 g/yr
		Report quantitative relationship between green infrastructure implementation and PCBs load reductions		2017 AR			
		Estimate the amount and characteristics of land area that will be treated through green infrastructure implementation by future years 2020, 2030, and 2040.				2019 AR	
		Demonstrate with reasonable assurance that PCBs reductions of at least 3 kg/yr will be realized by 2040 through implementation of green infrastructure projects.				2019 AR	
		Estimate of the amount of PCB load reductions result from green infrastructure implementation during term of the permit.				2019 AR	2020 AR
C.12.d	Prepare Implementation Plan and Schedule to Achieve TMDL Wasteload Allocations Prepare a plan and schedule for PCBs control measure implementation and provide reasonable assurance that sufficient control measures will be implemented to attain the PCBs TMDL wasteload allocations.	Plan shall identify all technically and economically feasible PCBs control measures to be implemented (including green infrastructure projects); and (2) include a schedule according to which these technically and economically feasible control measures will be fully implemented; and (3) provide an evaluation and quantification of the PCBs load reduction of such measures as well as an evaluation of costs, control measure efficiency and significant environmental impacts resulting from their implementation				2019 AR	

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Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
C.12.e	Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way	Collect at least 20 composite samples (throughout the Permit area) of the caulks and sealants used in storm drains or roadway infrastructure in public rights-of-way and analyze this material for PCBs in such a way as to be able to detect a minimum PCBs concentration of 200 parts per billion.		2017 AR			
C.12.f	Manage PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities At the time of submittal of an application for a demolition or renovation (demo/reno) permit, require the applicant to determine whether PCBs are present in the structure and, if so, to take follow up actions prior to issuance of the permit. This requirement shall apply only to potential PCB-containing structures which are structures built or remodeled between the years 1950 and 1980. Single-family residential structures are excluded.	Summarize implementation steps for requiring permit applicants to do the following: (1) Sample caulking around concrete joints, masonry joints, doors, and windows. Sample exterior paint, mastics, glazing, and coating on acoustic tiles. (2) Have the samples analyzed for total PCBs. (3) In lieu of sampling and analysis, the demo/reno permit applicant may assume the building materials contain PCBs at concentrations equal to or greater than 50 parts per million and manage these materials in accordance with U.S.EPA regulations. (4) Submit all analytical results, with the potential PCB-containing structure address and permit applicant contact information to the Permittee and to the Water Board. (5) Where PCBs are present or assumed present in any building material at a concentration equal to or greater than 50 parts per million, prior to issuance of a demo/reno permit the Permittee shall require and verify that the demo/reno proponent has a letter or email from U.S. EPA, Region IX or Water Board stating that PCBs-containing materials have been adequately removed.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.12.g	Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins Conduct or cause to be conducted studies aimed at better understanding the fate, transport, and biological uptake of PCBs discharged from urban runoff to San Francisco Bay margin areas. Studies focus on understanding the in-Bay transport of PCBs discharged in urban runoff, the sediment and food web PCBs concentrations in margin areas receiving urban runoff, the influence of urban runoff on the patterns of food web PCBs accumulation, especially in Bay margins, and the identification of drainages where urban runoff PCBs are particularly important in food web accumulation.	Submit a workplan in 2016. Report on status of the studies in 2017 Annual Report. Report in the 2019 IMR the findings and results of the studies completed, planned, or in progress as well as implications of studies on potential control measures to be investigated, piloted or implemented in future permit cycles.	2016 AR	2017 AR		2019 IMR	
C.12.i	Implement a Risk Reduction Program	Conduct or cause to be conducted an ongoing risk reduction program with the potential to reach 3000 individuals annually who are likely consumers of San Francisco Bay-caught fish.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
		Evaluate the effectiveness of the risk reduction program in Year 4.				2019 AR	
C.13 - Copper Controls							
C.13.a	Manage Waste Generated from Cleaning and Treating of Copper Architectural Features, Including Copper Roofs, during Construction and Post-Construction.	In the 2016 Annual Report, the Permittees shall certify that legal authority currently exists to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs.	2016 AR				
		In the 2016 Annual Report, the Permittees shall report how copper architectural features are addressed through the issuance of building permits.					
		The Permittees shall report annually permitting and enforcement activities.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR

MRP 2.0 Schedule of Key Reporting Requirements - Yellow Highlights Show Challenging Provisions

MRP 2.0 Schedule of Key Reporting Requirements - **Yellow Highlights show challenging Provisions**

Permit Section	Implementation Task	Implemention Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
C.13.b	Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals.	In the 2016 Annual Report, the Permittees shall certify that legal authority currently exists to prohibit the discharges to storm drains of water containing copper-based chemicals from pools, spas, and fountains.	2016 AR				
		In the 2016 Annual Report, the Permittees shall report how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.					
		The Permittees shall report annually on any enforcement activities.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.13.c	Industrial Sources	The Permittees shall highlight copper reduction results in the industrial inspection component in the C.13 portion of each Annual Report.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
C.14 - City of Pacifica and San Mateo County Fecal Indicator Bacteria Controls (N/A)							
C.14	Not applicable for CCCWP						
C.15 - Exempted and Conditionally Exempted Discharges							
C.15.b	Conditionally Exempted Non-Stormwater Discharges	Groundwater pumped from a monitoring well, used for groundwater basin management, which is owned and/or operated by a Permittee is allowed if the following requirements are met.	2x/yr	2x/yr	2x/yr	2x/yr	2x/yr
	Pumped Groundwater from Non-Drinking Water Aquifers	Twice a year (once during the wet season and once during the dry season), representative samples shall be taken from each aquifer that potentially will discharge or has discharged into a storm drain.					
		The Permittees shall maintain records of these discharges, BMPs implemented, and any monitoring data collected.	maintain records				
	Pumped Groundwater, Foundation Drains, and Water from Crawl Space Pumps and Footing Drains	The Permittees shall maintain records of these discharges, BMPs implemented, and any monitoring data collected.	maintain records				
	Individual Residential Car Washing and Required BMPs	Permittees shall encourage individuals to direct car wash waters to landscaped areas or commercial car wash facilities.	No Reporting Indicated				
	Individual Residential Car Washing and Required BMPs	Permittees shall discourage through outreach efforts individual residential car washing within their jurisdictional areas that discharge directly into their storm drain systems.					
	Discharge Type – Swimming Pool, Hot Tub, Spa, and Fountain Water Discharges	to the sanitary sewer to facilitate draining events. The Permittees shall keep records of the authorized major discharges of dechlorinated pool, hot tubs, spa and fountain water to the storm drain, including BMPs employed; such records shall be available for	maintain records				
	Discharge Type – Swimming Pool, Hot Tub, Spa, and Fountain Water Discharges	Permittees shall improve their public outreach efforts and education efforts and ensure that implementation of the required BMPs and compliance in commercial, municipal, and residential facilities.					
	Discharge Type – Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering	Permittees shall implement the Illicit Discharge Enforcement Response Plan from C.5.b as necessary for ongoing large-volume landscape irrigation runoff to their storm drain system.	2016 AR	2017 AR	2018 AR	2019 AR	2020 AR
Discharge Type – Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering	Promoting outreach messages regarding the use of less toxic options for pest control and landscape management						
C.16 - Discharges to Areas of Special Biological Significance							
C.16	Not applicable for CCCWP						
C.17 - Annual Reports							

MRP 2.0 Schedule of Key Reporting Requirements - Yellow Highlights Show Challenging Provisions

MRP 2.0 Schedule of Key Reporting Requirements - **Yellow Highlights show challenging Provisions**

Permit Section	Implementation Task	Implementation Level/Reporting	Schedule				
			2016	2017	2018	2019	2020
			Year 1	Year 2	Year 3	Year 4	Year 5
C.17	Annual Reports	The Permittees shall submit Annual Reports electronically in all cases and in paper copy upon request by September 15 of each year. Each Annual Report shall report on the previous fiscal year beginning July 1 and ending June 30. The annual reporting requirements are set forth in Provisions C.1 – C.16.	9/30/16	9/30/17	9/30/18	9/30/19	9/30/20
		The Permittees shall collaboratively develop a common annual reporting format for acceptance by the Executive Officer by April 1, 2016.	4/1/16				
		The Annual Report Form may be changed by April 1 of each year for the following annual report, to more accurately reflect the reporting requirements of Provisions C.1 – C.16, with the agreement of the Permittees and by the approval of the Executive Officer.		4/1/17	4/1/18	4/1/19	4/1/20
C.18 - Modifications to this Order							
C.18	No deadlines						
C.18.d		To approve and incorporate an alternative method or methods of distributing the county load reductions					
C.19 - Standard Provisions							
C.20 - Expiration Date							
C.20	Order Expiration and Report of Waste Discharge	This Order expires on December 31, 2020, five years from the effective date of this Order. The Permittees must file a Report of Waste Discharge in accordance with Title 23, California Code of Regulations, not later than 180 days in advance of such date as application for reissuance of waste discharge requirements.					6/30/20 (ROWD); 12/31/20 (expires)
C.21 - Rescission of Old Orders							
C.21	MRP 1.0 rescinded	Order No. R2-2009-0074 is hereby rescinded on the effective date of this Order, which shall be January 1, 2016, provided that the Regional Administrator of U.S. EPA, Region IX, does not object.	12/1/15				
C.22 - Effective Date							
C.22	Assumed Effective Date	The Effective Date of this Order and Permit shall be January 1, 2016, provided that the Regional Administrator of U.S. EPA, Region IX, does not object.	12/1/15				