Stormwater Control Plan

For a Regulated Project

[Name of Project]

[date]

This template is to be used in conjunction with the instructions, criteria, and minimum requirements in the Bay Area Stormwater Management Agencies Association's (BASMAA's) *Post-Construction Manual*.

Check www.basmaa.org for new information and updates to the *Post-Construction Manual* and this template.

[Name of Owner]
[Owner's Representative and Contact Information]

prepared by:

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Stormwater Control Plan Exhibit

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This Stormwater Control Plan was prepared using the template dated July 11, 2014.

I. Project Data

Table 1. Project Data Form

Project Name/Number	
Application Submittal Date	[to be verified by municipal staff]
Project Location	[Street Address if available, or intersection and/or APN]
Project Phase No.	[If project is being constructed in phases, indicate the phase number. If not, enter "NA"]
Project Type and Description	[Example entries: "Detached single-family residence," "5-story office building," "Residential with 160 single-family homes," "Five 4-story buildings to contain 200 condominiums," "100-unit, 2-story shopping mall," "mixed use retail and residential development (apartments)", "Industrial warehouse."]
Total Project Site Area (acres)	
Total New and Replaced Impervious Surface Area	
Total Pre-Project Impervious Surface Area	
Total Post-Project Impervious Surface Area	

II. Setting

II.A. Project Location and Description

[Include site location, division of parcels, planned land uses, zoning, setback and open space requirements, project phasing, number of residential units or square footage of office or retail, parking requirements, neighborhood character, project design objectives (for example LEED certification), other notable project characteristics. A vicinity map may also be useful.]

II.B. Existing Site Features and Conditions

[Include site size, shape, and topography. Hydrologic features, including any contiguous natural areas, wetlands, watercourses, seeps, or springs. Existing land uses. Soil types and hydrologic soil groups, vegetative cover, and impervious areas, if any. Existing drainage for site and nearby areas, including location of municipal storm drains.]

II.C. Opportunities and Constraints for Stormwater Control

[Examples of opportunities: Existing natural areas, low areas, oddly configured or otherwise unbuildable areas, easements and required landscape amenities including open space and buffers that

might be used for bioretention facilities, and differences in elevation, which can provide needed hydraulic head.]

[Examples of constraints: impermeable soils, high groundwater, groundwater pollution or contaminated soils, steep slopes, geotechnical instability, density/high-intensity land use, heavy pedestrian or vehicular traffic, utility locations, safety concerns.]

III. Low Impact Development Design Strategies

III.A. Optimization of Site Layout

III.A.1. Limitation of development envelope

III.A.2. Preservation of natural drainage features

III.A.3. Setbacks from creeks, wetlands, and riparian habitats

III.A.4. Minimization of imperviousness

III.A.5. Use of drainage as a design element

III.B. Use of Permeable Pavements

[Permeable pavements include pervious concrete, porous asphalt, porous pavers, crushed aggregate, open pavers, or solid pavers. Show the location, extent, and types of pervious pavement on your SCP Exhibit and describe here how pavements will be constructed according to the appropriate specifications. See page 4-6 of the *BASMAA Post-Construction Manual.*]

III.C. Dispersal of Runoff to Pervious Areas

III.D. Stormwater Control Measures

IV. Documentation of Drainage Design

IV.A. Descriptions of Each Drainage Management Area

IV.A.1. Table of Drainage Management Areas

DMA Name	Surface Type	Area (square feet)

IV.A.2. Drainage Management Area Descriptions

DMA [name], totaling x,xxx square feet, drains [description of area]. DMA [name] drains to [Self-Retaining DMA name or facility name]. [Describe notable or exceptional characteristics or conditions.]

DMA [name], totaling x,xxx square feet, drains [description of area]. DMA [name] drains to [Self-Retaining DMA name or facility name]. [Describe notable or exceptional characteristics or conditions.]

DMA [name], totaling x,xxx square feet, drains [description of area]. DMA [name] drains to [Self-Retaining DMA name or facility name]. [Describe notable or exceptional characteristics or conditions.]

DMA [name], totaling x,xxx square feet, drains [description of area]. DMA [name] drains to [Self-Retaining DMA name or facility name]. [Describe notable or exceptional characteristics or conditions.]

IV.B. Tabulation and Sizing Calculations

IV.B.1. Information Summary for Bioretention Facility Design

Total Project Area (Square Feet)	[should be consistent with Table 1]
[List all DMAs]	[Square footage of each DMA]

IV.B.2. Self-Treating Areas

[Extend table to list additional DMAs.]

DMA Name	Area (square feet)

IV.B.3. Self-Retaining Areas

[Extend table to list additional DMAs. Include areas for which runoff is to harvested and used.]

DMA Name	Area (square feet)

IV.B.4. Areas Draining to Self-Retaining Areas

[Extend table to list additional DMAs.]

DMA Name	Area (square feet)	Post-project surface type	Runoff factor	Product (Area x runoff factor)[A]	Receiving self-retaining DMA	Receiving self-retaining DMA Area (square feet) [B]	Ratio [A]/[B]

[jc 1]

IV.B.5. Areas Draining to Bioretention Facilities

[Copy entire table once for each Bioretention Facility.]

DMA Name	DMA Area (square feet)	Post-project surface type	DMA Runoff factor	DMA Area × runoff factor	Facility Name		
					Sizing factor	Minimum Facility Size	Proposed Facility Size
Total>					0.04		

V. Source Control Measures

V.A. Site activities and potential sources of pollutants

V.B. Source Control Table

[See the instructions on page 3-6 of the *Post-Construction Manual* and the checklist in Appendix A.]

Potential source of runoff pollutants	Permanent source control BMPs	Operational source control BMPs

V.C. Features, Materials, and Methods of Construction of Source Control BMPs

x

VI. Stormwater Facility Maintenance

VI.A. Ownership and Responsibility for Maintenance in Perpetuity

[Include (1) a commitment to execute any necessary agreements, and (2) a statement such as the following: "The applicant accepts responsibility for interim operation and maintenance of stormwater treatment and flow-control facilities until such time as this responsibility is formally transferred to a subsequent owner."

VI.B. Summary of Maintenance Requirements for Each Stormwater Facility

[See Chapter 5 of the *Post-Construction Manual*]

VII. Construction Checklist

[See the instructions beginning on page 3-7 of the *Post-Construction Manual*.]

Stormwater Control Plan Page #	Source Control or Treatment Control Measure	See Plan Sheet #s

VIII. Certifications

The preliminary design of stormwater treatment facilities and other stormwater pollution control measures in this plan are in accordance with the current edition of the BASMAA *Post-Construction Manual* [Check with local staff regarding other certification requirements.]