

Stormwater Control Plan  
for  
[Name of Project]

[date]

[This template is to be used in conjunction with the instructions, criteria, and minimum requirements in the City of Paso Robles *Stormwater Technical Guide*.

Check the City of Paso Robles website for new information and updates to the *Stormwater Technical Guide* and this template.

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

prepared by:

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## Attachments

|                                                                   |
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| Stormwater Control Plan Exhibit                                   |
| Stormwater Control Measures Sizing Calculator (submit Excel file) |

## Appendices

This Stormwater Control Plan was prepared using the template dated 18 February 2014 [draft].

## I. Project Data

Table 1. Project Data

|                                            |                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Impervious Surface Area          |                                                                                                                                                                                                                                                                                                             |
| Total Replaced Impervious Surface Area     |                                                                                                                                                                                                                                                                                                             |
| Total Pre-Project Impervious Surface Area  |                                                                                                                                                                                                                                                                                                             |
| Total Post-Project Impervious Surface Area |                                                                                                                                                                                                                                                                                                             |
| Net Impervious Area                        | [If Tier 2. Equals New + Replaced - (Pre - Post)]                                                                                                                                                                                                                                                           |
| Watershed Management Zone(s)               |                                                                                                                                                                                                                                                                                                             |
| Design Storm Frequency and Depth           | [If Tier 3]                                                                                                                                                                                                                                                                                                 |
| Urban Sustainability Area                  | [If Tier 3]                                                                                                                                                                                                                                                                                                 |

## 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. Wells, landslides, slumps, or rock outcrops, 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 or near-surface bedrock, 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**

### **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 SCM 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 SCM 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 SCM 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 SCM name]. [Describe notable or exceptional characteristics or conditions.]

#### IV.A.3. Tabulation and Sizing Calculations

#### IV.A.4. Information Summary for LID Facility Design

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Total Project Area (Square Feet) | [should be consistent with Table 1] |
| Design Storm Depth               | [at project site]                   |
| Applicable Requirements          | Tier 2 or Tier 2/Tier 3             |

IV.A.5. Self-Treating Areas

[Extend table to list additional DMAs. Note: For Tier 3 projects, submit your Excel file for the Central Coast SCM Sizing Calculator, available at <http://www.prcity.com/government/departments/publicworks/stormwater/swmp-postconstruction.asp>

The calculator may also be used, at your option, for Tier 2 projects.]

DMA                      Area  
Name                      (square feet)

|  |  |
|--|--|
|  |  |
|--|--|

IV.A.6. Self-Retaining Areas

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

DMA                      Area  
Name                      (square feet)

|  |  |
|--|--|
|  |  |
|--|--|

IV.A.7. Areas Draining to Self-Retaining Areas

[Extend table to list additional DMAs.]

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

IV.A.8. Areas Draining to Bioretention Facilities (Tier 2 Projects)

[Copy entire table once for each SCM.]

| DMA Name | DMA Area (square feet) | Post-project surface type | DMA Runoff factor | DMA Area × runoff factor | SCM Name          |                  |                   |
|----------|------------------------|---------------------------|-------------------|--------------------------|-------------------|------------------|-------------------|
|          |                        |                           |                   |                          |                   |                  |                   |
|          |                        |                           |                   |                          |                   |                  |                   |
|          |                        |                           |                   |                          | SCM Sizing factor | Minimum SCM Size | Proposed SCM 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 *Stormwater Technical Guide* 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

**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 accepting responsibility for operation and maintenance of facilities until that responsibility is formally transferred.]

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

[See Chapter 5 of the *Stormwater Technical Guide*]

## VII. Construction Checklist

[See the instructions on page 3-2 of the Stormwater Technical Guide.]

| Stormwater<br>Control<br>Plan<br>Page # | BMP Description | See Plan Sheet<br>#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 City of Paso Robles Stormwater Technical Guide. [Check with local staff regarding other certification requirements.]