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 City of Rocklin’s *Post-Construction Manual*]

[Check www.Rocklin.ca.us for new information and updates to the *Post-Construction Manual* and this template.]

[Name of Owner]

[Owner’s Representative and Contact Information]

Prepared by: [Preparer’s Name]

[Preparer’s Contact Information]

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Stormwater Control Plan Exhibit

This Stormwater Control Plan was prepared using the template dated November 2014.

1. Project Data

Table 1. Project Data Form

|  |  |
| --- | --- |
| Project Name/Number |  |
| Application Submittal Date |  |
| 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 |  |

1. Setting
   1. 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.]

* 1. 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. ]

* 1. 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.]

1. Low Impact Development Design Strategies
   1. Optimization of Site Layout
      1. Limitation of development envelope
      2. Preservation of natural drainage features
      3. Setbacks from creeks, wetlands, and riparian habitats
      4. Minimization of imperviousness
      5. Use of drainage as a design element
   2. Use of Permeable Pavements

[Permeable pavements include pervious concrete, porous asphalt, porous pavers, 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 *City of Rocklin Post-Construction Manual.*]

* 1. Dispersal of Runoff to Pervious Areas

[Include explanation of how runoff will be directed to pervious areas including disconnected downspouts, curb cutouts, underground pipes, etc.]

* 1. Stormwater Control Measures

[Include discussion of how stormwater will be treated; bioretention, cisterns, etc.]

1. Documentation of Drainage Design
   1. Descriptions of Each Drainage Management Area
      1. Table of Drainage Management Areas

|  |  |  |
| --- | --- | --- |
| DMA Name | Surface Type | Area (square feet) |
|  |  |  |
|  |  |  |

* + 1. 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.]

IV.B. Tabulation and Sizing Calculations

* + 1. Information Summary for Bioretention Facility Design

[Extend table to list all DMAs and their square footage]

|  |  |
| --- | --- |
| Total Project Area (Square Feet): [should be consistent with Table 1] | |
| [DMA] | [Square footage of DMA] |
| [DMA] | [Square footage of DMA] |
| [DMA] | [Square footage of DMA] |

* + 1. Self-Treating Areas

[Extend table to list additional DMAs that are self-treating. Remove if not applicable to project.]

|  |  |
| --- | --- |
| DMA Name | Area (Square Feet) |
|  |  |
|  |  |

* + 1. Self-Retaining Areas

[Extend table to list additional DMAs. Include areas for which runoff is to be harvested and used. Remove if not applicable to project.]

|  |  |
| --- | --- |
| DMA Name | Area (Square Feet) |
|  |  |
|  |  |

* + 1. Areas Draining to Self-Retaining Areas [Extend table to list additional DMAs. Remove if project will not have any self-retaining areas or DMAs draining to self-retaining areas.]

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

* + 1. Areas Draining to Bioretention Facilities [Copy entire table once for each Bioretention Facility. See page 4-4 of the *Post-Construction Manual* for runoff factors for each surface type.]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| DMA Name | DMA Area (sq. ft.) | Post- project surface type | DMA Runoff factor | DMA Area X runoff factor | Facility Name | | |
|  | | |
|  |  |  |  |  | Sizing factor | Minimum Facility Size | Proposed Facility Size |
|  |  |  |  |  |
|  |  |  |  |  |
| Total> | | | |  | 0.04 |  |  |

1. Source Control Measures
   1. Site activities and potential sources of pollutants
   2. 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 |
|  |  |  |
|  |  |  |

* 1. Features, Materials, and Methods of Construction of Source Control BMPs

[Include a description of the materials and construction methods of each source control BMP to be used in the project.]

1. Stormwater Facility Maintenance
   1. 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*]

1. Construction Checklist

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

|  |  |  |
| --- | --- | --- |
| SCP Page # | Source Control or Treatment Control Measure | See Plan Sheet #s |
|  |  |  |
|  |  |  |

1. 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 Rocklin *Post-Construction Manual.*