

C.3 Stormwater Management Plan (Table of Contents)

1. Project Setting

- a. Project name, location, description, common address, parcel number and legal description of the site.
- b. Contact information for all persons having a legal responsibility for the property.
- c. Existing site features and conditions and name of water body your site discharge contributes to. Name of 303d water body. (Regional Board website)
- d. Vicinity map.
- e. Narrative of opportunities and constraints for storm water treatment controls.
- f. City of Cupertino C.3 impervious surface form.
- g. City of Cupertino LID Feasibility Worksheets.

2. Develop Site Design Measures to Limit Impervious Surfaces

- a. Measures to cluster development and protect natural resources.
- b. Measures used to limit direct connections to impervious area.
 - i. Site design features
 - ii. Pervious pavements
 - iii. Detention and drainage design
 - iv. Roof run-off through treatment facility
- c. Table summarizing pervious and self retaining areas

3. Selected Method of Design for Treatment Facilities¹

- a. Method of treatment used.
- b. Numeric sizing criteria calculation for designing pollutant removal treatment systems.
 - i. Provide sizing calculations

¹ Hydro Modification are only used for projects with 1 acre or more impervious surface and creating more impervious surface area over the pre-project (existing) condition.

- c. When landscape treatment facilities are used
 - i. Describe content of amended soil (% ratio of soil to sand)
 - ii. List all types of plants used in treatment facilities
 - iii. List ways used to limit irrigation and pesticide use
- d. Show structural and construction details for all components of proposed drainage system(s) and storm water management facilities
- e. Attach two part completed summary table including square footage of impervious area, type of treatment/flow control facilities, etc.
See attached reporting tables (Part 1 & Part 2)

4. Source Control Measures

- a. Description of site activities and potential source of pollutants and mitigation plans (street sweeping, covered storage areas, etc.)
- b. Table showing sources and permanent source controls.

5. Summary of permitting and code compliance issues

- a. List any other applicable environmental permits that will be required for the project and responsible agencies (i.e., Santa Clara Valley Water District, State Department of Fish and Game, City Streamside Permit)
- b. Compliance with conditions of approval for projects discharging directly to 303(d) listed water bodies. Show post development run off does not exceed pre-development run off for 303(d) listed pollutants. (Is the project tributary to an already impaired water body, as listed on the clean water act section 303(d) list? If so, will it result in an increase in any pollutant for which the water body is already impaired?)²

6. Facility Maintenance Requirements

- a. Ownership and responsibility for maintenance in perpetuity
 - i. Commitment to execute all required agreements
 - ii. Statement accepting responsibility for operation and maintenance of facilities until that responsibility is formally transferred.

² This requirement is part of provision C.3.m(v.i) in the current NPDES permit. This requirement is part of C.3.a(i) in the new municipal regional permit (MRP) expected for December 1, 2009.

- iii. Annual inspections and maintenance of all treatment facilities on project site
 - iv. Owner's storm water treatment facilities inspection and maintenance log
- b. Summary of all treatment facilities maintenance inspection items and inspection schedule

7. Certifications

- a. Certification by the owner/developer that all storm water management construction will be done according to storm water management plan.
- b. Certification statement signed by the developer's responsible design registered civil engineer stating that facilities are correctly sized and designed according to NPDES Permit requirements.
- c. Certification by a qualified third party registered civil engineer reviewer with current training on storm water treatment system design for water quality and an understanding of groundwater protection principles (storm water design training must be within 3 years of certification signature date)
- d. As-built certification signature executed by the responsible registered civil engineer after project completion

Appendix

- A. Preliminary Title Report
- B. Geotechnical Investigations Report within expiration
- C. Hydrology & Hydraulic Report
- D. Stormwater Maintenance and Easement Agreement

Attachments

- A. BMP map of all treatment on site (Stormwater Management Plan)
- B. Topographic survey information showing existing and proposed contours, including all areas necessary for the post-development hydraulic analyses of proposed stormwater management facilities
- C. Grading and Drainage Plan
- E. Erosion and sediment control plan, as required by City code section 16.08, excavation grading and retaining walls
- F. Site Utility Plan
- G. Landscape Plan with approved Plant Species and Planter Soil Mix Design
- H. Annual report table - Part 1 & Part 2
- I. Stormwater Treatment Facilities Inspection and Maintenance Log
- J. Summary of all Stormwater Treatment Facilities and required inspections with inspection schedule.