



CUPERTINO

City of Cupertino

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|-------------------|
| STAFF ONLY |
| Building Permit |
| Date: _____ |
| Permit #: _____ |

NPDES PERMIT C.3. IMPERVIOUS SURFACE FORM

C.3 Regulated Projects are defined as any project that creates and/or replaces 10,000 sq. ft. or more of impervious surface (collectively over the entire project site)

All projects creating, adding, or replacing 10,000 square feet or more of impervious surface on the project site must fill out this worksheet and **must reserve a minimum of 4% of developable surface area** for the placement of storm water treatment facilities, unless an alternative storm water treatment plan is approved by the Public Works Engineer. Submit this form to the Engineering Division of the Public Works Department.

What is an Impervious Surface?

An impervious surface is a surface covering or pavement that prevents the land's natural ability to absorb and infiltrate rainfall/stormwater. Impervious surfaces include, but are not limited to rooftops, walkways, paved patios, driveways, parking lots, storage areas, concrete and asphalt, and any other continuous watertight pavement or covering. **Pervious pavement, underlain with pervious soil or pervious storage material (e.g., drain rock), that infiltrates rainfall at a rate equal to or greater than surrounding unpaved areas** OR that stores and infiltrates the water quality design volume specified in Provision C.3.d of the Municipal Regional Stormwater Permit (MRP), **is not considered an impervious surface.**

**Note: For restaurants, uncover parking lots, auto service facilities and retail gasoline outlets that receive final discretionary approval on or after December 1, 2011, the threshold will be reduced to 5,000 sq. ft.*

1. General Information:

Date: _____ APN # _____ - _____ - _____

Project Location: _____
(address)

Applicant Name: _____ Applicant's Ph #: _____

Engineer: _____ Engineer's Ph #: _____

Project Phase(s): _____ of _____

Project Description: _____

Project Type (check all that apply):

- Residential Commercial Industrial Auto Service Uncovered parking
- Public Restaurant Mixed Use Retail Gas Outlet Other _____

If Residential, does the project consist of a single-family home that is not part of a larger common plan of development? Yes No

*If yes, stop here and return sheet 1 only to the Engineering Division of the Public Works Department.
(Note: Beginning December 1, 2012, additional requirements will apply to single family home projects that are not part of a larger plan of development.)*

Project Watershed/Receiving Water: _____

Specific Stormwater Control Measures:

(Check all that apply)

Source Controls

- Alternative building materials
- Wash area/racks, drain to sanitary sewer²
- Covered dumpster area, drain to sanitary sewer²
- Sanitary sewer connection or accessible cleanout for swimming pool/spa/fountain¹
- Beneficial landscaping (minimizes irrigation, runoff, pesticides and fertilizers; promotes treatment)
- Outdoor material storage protection
- Covers, drains for loading docks, maintenance bays, fueling areas
- Maintenance (pavement sweeping, catch basin cleaning, good housekeeping)
- Storm drain labeling
- Other _____

Flow Duration Controls for Hydromodification Management (HM)

- Detention Basin
- Underground Tank or Vault
- Bioretention with outlet control
- Other _____

Site Design Measures

- Minimum land disturbance
- Minimized impervious surfaces
- Minimum-impact street design
- Minimum-impact parking lot design
- Cluster structures/pavement
- Permeable pavement
- Alternative driveway design
- Roof downspouts drain to landscaping
- Microdetention in landscape
- Rainwater harvesting and reuse (e.g., rain barrel, cistern connected to roof drains)
- Preserved open space: _____ ac. or sq. ft. (circle one)
- Protected riparian and wetland areas, riparian buffers (Setback from top of bank: _____ft.)
- Other _____

Treatment Systems²

LID Treatment

- Infiltrating vegetated swale
- Vegetated filter strip
- Bioretention area
- Flow-through planter
- Green roof
- Infiltration trench/basin
- Underground detention and infiltration system (e.g. pervious pavement drain rock, large diameter conduit)
- Retention/irrigation
- Other _____

Other Treatment Methods

- Flow-through vegetated swale (no infiltration)
- Dry detention basin
- Wet pond
- Media filter (sand, compost, or manufactured media)
- Hydrodynamic separator³
- Water quality inlet filter³
- Other _____

¹ Subject to sanitary sewer authority requirements.

² Stormwater treatment is currently required for all projects that create and/or replace 10,000 square feet or more of impervious surface (#2.f. > 10,000 sf). Low Impact Development (LID) treatment methods are strongly encouraged, and will be required for projects that receive final discretionary

³ Only allowed as part of a multi-step treatment process.

6. Condition of Approval for Landscape Plans (use of native plants, tree preservation).

7. Third Party Certification

A qualified consultant will be required to review and certify the Stormwater Management Plan and/or Hydromodification Flow Control Facilities. A list of qualified consultants can be found at <http://www.scvurppp-w2k.com/consultants.htm>

Name of Reviewer _____

8. Operation & Maintenance Information

- A. Property Owner's Name _____
- B. Responsible Party for Stormwater Treatment/Hydromodification Control O&M:
 - a. Name: _____
 - b. Address: _____
 - c. Phone/E-mail: _____

This section to be completed by Municipal staff.

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| <p>O&M Responsibility Mechanism Indicate how responsibility for O&M is assured. Check all that apply:</p> <p><input type="checkbox"/> O&M Agreement</p> <p><input type="checkbox"/> Other mechanism that assigns responsibility (describe below):</p> <p>_____</p> |
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Projects with greater than 10,000 ft ONLY:

*Projects with greater than 10,000 square feet of total new, added, and replaced impervious surface area are subject to storm water treatment requirements. Requirements satisfy provision C.3 of the City's NPDES permit. **Contact the Public Works Department at (408) 777-3354 for guidance.***

STAFF ONLY - Reviewed by:

Community Development Department

Public Works Department

Planning Division: _____

Engineering Division: _____

Return form to: Public Works Department

Date _____