



STORMWATER MANAGEMENT PLAN DATA FORM

(NPDES PERMIT PROVISION C.3)

TO BE ENTERED BY STAFF:		
Planning Permit Number	_____	
Date Deemed Complete	_____	
Approval / Public Hearing Date	_____	
<input type="checkbox"/> LID	<input type="checkbox"/> HMP	<input type="checkbox"/> Special Project

PROJECTS THAT REQUIRE STORMWATER MANAGEMENT PLANS

New or redeveloped commercial, industrial or residential projects require a Stormwater Management Plan (SWMP) when they create or replace 10,000 square feet or more of new or replaced impervious surface. If the increase or replacement is for 50% or more of existing impervious surface, the entire development is subject to stormwater treatment measures. If the increase or replacement is for less than 50% of existing impervious surface, only the added impervious surface area is subject to stormwater treatment measures.

All restaurants, auto service facilities, retail gasoline outlets, and uncovered parking lot projects (stand-alone or part of another development project, including the top uncovered portion of parking structures) that create and/or replace 5,000 sq. ft. or more of impervious surface on the project site require a SWMP and must also fill out this worksheet.

Interior remodeling projects, routine maintenance or repair projects such as re-roofing and re-paving, and single family homes that are not part of a larger plan of development are NOT required to complete this worksheet.

DEFINITION OF IMPERVIOUS SURFACES

An impervious surface prevents the infiltration or passage of water into the soil. Impervious surfaces include building rooftops, covered patios, driveways, parking lots, paved areas, sidewalks and streets, unless they are constructed with pervious materials that allow passage of water into the subsurface soils.

1. Project Information

Project Address	
Cross-Streets	
APN	
Site Area (square feet)	
Applicant Name	
Receiving Watershed (creek, river, or bay)	
Project Description	

2. Project Type (Check all that apply):

- New Development Commercial Pavement Replacement Multi-Family - No. Units _____
- Redevelopment Public Industrial Auto Service - SIC code _____
- Single-Family Gas Station Restaurant Uncovered Parking Lot
- Other: _____

3. Project Impact on Impervious Surface:

Enter the amount of impervious surface¹ Retained, Replaced and/or Created by the project:

Type of Impervious ¹ Surface	a	b	c	d	e
	Pre-Project Impervious ¹ Surface (sq.ft.)	Existing Impervious ¹ Surface to be Retained ² (sq.ft.)	Existing Impervious ¹ Surface to be Replaced ² (sq.ft.)	New Impervious ¹ Surface to be Created ² (sq.ft.)	Post-Project Impervious ¹ Surface (sq.ft.) (=b+c+d)
Roof area(s)					
Impervious ¹ sidewalks, patios, paths, driveways, streets					
Impervious ¹ uncovered parking ³					
Totals of Impervious Surfaces:					
Total Impervious¹ Surface Replaced and Created (sum of totals for columns c and d):					
Type of Pervious Surface	Pre-Project Pervious Surface (sq.ft.)				Post-project Pervious Surface (sq.ft.)
Landscaping					
Pervious Paving					
Green Roof					
Totals of Pervious Surfaces:					
Total Site Area (Total Impervious ¹ +Total Pervious)					
Percent Replacement of existing impervious surface area $[(\text{Total Existing Impervious Surface Replaced} \div \text{Total Pre-Project Impervious}) \times 100]$ Note: if the value exceeds 50%, C.3 requirements apply to the <u>entire</u> site.					
Estimated area of land disturbed during construction (includes clearing, grading or excavating) (sq.ft)					

<p>4. Does the total area of land disturbed equal 1 acre or more? <input type="checkbox"/> Yes <input type="checkbox"/> No. If yes, the project must obtain coverage under the State General Construction Permit.</p> <p>5. Does runoff from offsite flow through the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No. If yes show where offsite runoff flows onto project site on the Site map prepared for the SWMP.</p> <p>6. GIS Map Review:</p> <p>a. Is project site within the HMP Inclusion Area? <input type="checkbox"/> Yes <input type="checkbox"/> No. If yes, then HMP may apply when final HMP is approved by the Regional Board.</p> <p>b. Is project site within the Infiltration Device Exclusion Area? <input type="checkbox"/> Yes <input type="checkbox"/> No. If yes, the use of infiltration devices for stormwater treatment is not allowed.</p> <p>7. Type of Pesticide Reduction Measures Used (Check <u>all</u> that apply):</p> <p><input type="checkbox"/> Education (PEDU) <input type="checkbox"/> Condition of Approval (PCOA) <input type="checkbox"/> Doesn't Apply (DNA)</p> <p>8. Types of Stormwater Control Measures Used (Check <u>all</u> that apply):</p> <p><input type="checkbox"/> Stormwater Treatment Measures (STM) <input type="checkbox"/> Source Control Measures (SCM) <input type="checkbox"/> Site Design Measures (SDM) <input type="checkbox"/> Doesn't Apply (DNA)</p> <p>9. Is this a Special Project or does it have the potential to be a Special Project? <input type="checkbox"/> Yes <input type="checkbox"/> No. If yes, complete and attach Special Projects Worksheet.</p>	<p><i>For more information regarding selection of Best Management Practices (BMPs) for stormwater pollution prevention or stormwater treatment, contact the Planning Division at (408) 730-7440 or planning@sunnyvale.ca.gov.</i></p>
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¹ Per the Municipal Regional Stormwater Permit, pavement that meets the following definition of pervious pavement is NOT an impervious surface. Pervious pavement is defined as pavement that stores and infiltrates rainfall at a rate equal to immediately surrounding unpaved, landscaped areas, or that stores and infiltrates the rainfall runoff volume described in Provision C.3.

² "Retained" means to leave existing impervious surfaces in place, unchanged; "Replaced" means to install new impervious surface where existing impervious surface is removed anywhere on the same property; and "Created" means the amount of new impervious surface being proposed which exceeds the total existing amount of impervious surface at the property.

³ Uncovered parking includes the top level of a parking structure.

10. Identify Specific Stormwater Control Measures Used

<p>Site Design</p> <input type="checkbox"/> Alternative driveway design <input type="checkbox"/> Cluster structures / pavement <input type="checkbox"/> Disconnect downspouts <input type="checkbox"/> Green Roof <input type="checkbox"/> Micro-detention in landscape <input type="checkbox"/> Minimize change in runoff hydrograph <input type="checkbox"/> Minimize land disturbance <input type="checkbox"/> Minimum-impact street or parking lot design <input type="checkbox"/> Minimize impervious surfaces <input type="checkbox"/> Preserve open space <input type="checkbox"/> Protect riparian & wetland areas, riparian buffers <input type="checkbox"/> Self-retaining area <input type="checkbox"/> Self-treating area <input type="checkbox"/> Other _____	<p>Source Controls</p> <input type="checkbox"/> Alternative building materials <input type="checkbox"/> Storm drain labeling <input type="checkbox"/> Beneficial landscaping (minimizes irrigation, runoff, pesticides and fertilizers; promotes treatment) <input type="checkbox"/> Covers, drains for loading docks, maintenance bays, fueling areas <input type="checkbox"/> Covered dumpster area, drain to sanitary sewer <input type="checkbox"/> Maintenance (street sweeping, catch basin cleaning) <input type="checkbox"/> Outdoor material storage protection <input type="checkbox"/> Swimming pool drain to sanitary sewer <input type="checkbox"/> Wash area/racks, drain to sanitary sewer <input type="checkbox"/> Other _____	<p>LID Treatment</p> <input type="checkbox"/> Dry Well <input type="checkbox"/> Exfiltration Trench <input type="checkbox"/> Infiltration Basin / Trench <input type="checkbox"/> Permeable Pavement <input type="checkbox"/> Rainwater Harvesting/Reuse <input type="checkbox"/> Unlined Retention Basin
<p>Biotreatment</p> <input type="checkbox"/> Bioretention <input type="checkbox"/> Planter Boxes <input type="checkbox"/> Flow-through Planter		
<p>Other Treatment</p> <input type="checkbox"/> None (only if all impervious surface drains to self-retaining areas)		
<p>PLANNING REVIEW BY: _____ DATE: __/__/__ DATA ENTRY BY: _____ DATE: __/__/__</p>		

11. Indicate which of the following Provision C.3.d.i hydraulic sizing methods were used.

Volume based approaches:

- 1(a) Urban Runoff Quality Management approach (WEF Method), or
- 1(b) CASQA BMP Handbook Method - 80% capture approach (recommended volume-based approach)

Flow-based approaches:

- 2(a) 10% of 50-year peak flow approach (Factored Flood Flow Method)
- 2(b) 2 times the 85th percentile rainfall intensity approach (CASQA BMP Handbook Method), or
- 2(c) 0.2-Inch-per-hour intensity approach - Uniform Intensity Method (recommended flow-based approach).

Combination flow and volume-based approach

12. Alternative Certification: Was the treatment system sizing and design reviewed by a qualified third-party professional that is not a member of the project team or agency staff?

Yes No Name of Reviewer _____

14. Operation & Maintenance Information

Property Owner's Name: _____

Responsible Party for Stormwater Treatment/Hydromodification Control O&M:

Name: _____

Address: _____

Phone/E-mail: _____