



## Background

In compliance with the City's NPDES Permit requirements, new and redevelopment projects within the City of Emeryville must incorporate stormwater treatment measures or Best Management Practices (BMPs) to minimize the discharge of pollutants to storm drain systems and local waterways. Stormwater BMPs include source controls, design measures and post-construction stormwater treatment controls.

Prior to issuance of a building permit, **all development projects on lots  $\geq$  10,000 sq. ft** will be required to complete a form that includes information regarding impervious surface area and stormwater treatment measures implemented at your development site(s). This sheet is provided as a worksheet in preparation for completion of the form. The ultimate intent of this worksheet and subsequent form is to encourage developers early in the design process to incorporate feasible stormwater treatment measures within development plans.

For more information on how to design a site to manage stormwater runoff, please contact the City's Public Works Department and speak with Peter Schultze-Allen, Environmental Analyst, at 596-3728.

**Impervious Surface Area Definition (ISA):** any surface that cannot be effectively (easily) penetrated by water, thereby resulting in runoff. Examples are pavement (asphalt, concrete, etc), buildings/structures, driveways/roadways, parking lots and sidewalks.

## Impervious Surface Area Calculation *(The intent is to minimize ISA, and/or directly connected ISA)*

(Calculate the total impervious surface area of the site at project completion. Include: building footprint(s), garage(s), carport(s), shed(s), other misc. structures, driveway(s), patio(s), parking lot(s), streets, sidewalks, etc.)

**Total Impervious Surface Area:** \_\_\_\_\_ **Square Feet**      Group 1: 43,560 sq.ft.  
Group 2: 10,000 sq.ft.

## Stormwater Treatment Measures Information

*(These measures are incorporated to manage remaining runoff resulting from the amount of ISA created. Specific numeric sizing criteria is used to design these measures, which can be obtained from the City of Emeryville, Public Works Department. Contact Peter Schultze-Allen, Environmental Analyst, at 596-3728.*

### I. Type of Stormwater Treatment Measures Implemented (check all that apply):

- swale     detention pond     retention pond     bioretention     wetland     filter strip  
 media filter (i.e. sand filter)     inlet filter     oil and water separator     other – describe: \_\_\_\_\_

### Ib. Site Design Measures

- disconnected roof downspouts drained to landscaping     other – describe: \_\_\_\_\_

### II. Location of Stormwater Treatment Measures:

- Attach map showing stormwater treatment measure(s) locations on the property (11x17 site map schematic with location and type of stormwater treatment measure(s).

### III. Stormwater Treatment Measure Owner or Operator's Information

(Identify party responsible for operating and maintaining treatment measures on site):

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_