



# Urban Runoff Drainage Plan Application: Worksheet

## 1. Type of new/re-development

Threshold achieved - mitigation required: \_\_\_\_\_

Threshold used: (check one)

- a. Any construction project on a vacant parcel.
- b. Any construction project that:
  - (1) adds 50% or more of the square footage of a structure,
  - (2) substantial remodel (removes or relocates at least 50% of exterior walls for any duration of time),
  - (3) adds or replaces 50% or more of the exterior footprint of a structure on a parcel, or
  - (4) creates, adds, or replaces at least 2,500 square feet of impervious surfaces.
- c. Any construction project that involves a separate new structure with an exterior footprint of 400 square feet or more, including an accessory building, on one parcel with existing structures.
- d. Any construction project located in or directly adjacent to, or discharging directly to, an environmentally sensitive area.
- e. No threshold, voluntary mitigation.

Project address: \_\_\_\_\_

Parcel# (Completed by City): \_\_\_\_\_

PC# (Completed by City): \_\_\_\_\_

COMB# (Completed by City): \_\_\_\_\_

Type of land use (check one):  Single-Family  Multi-Family  Mixed Use (Residential-Commercial)  
 Commercial  Government  Education  Medical/Health Facilities-Services

## 2. Calculation of total runoff mitigation required to achieve 0.75 inch (or other rain event amount from a federal standard) reduction goal by storage volume, in lieu fee or off-site alternative<sup>i</sup>

### STORAGE VOLUME CALCULATION

$$\frac{\text{ft}^2}{\text{Impervious Area}}^{\text{ii}} \times \begin{matrix} 0.0625 \text{ ft} \times 2.5 \text{ (rock)} \\ \text{OR} \\ 0.0625 \text{ ft} \times 1.05 \text{ (plastic)} \\ \text{OR} \\ 0.0625 \text{ ft (surface depression/storage)} \end{matrix} = \frac{\text{ft}^3}{\text{Planned Mitigation Volume}}^{\text{iii}}$$

$$\frac{\text{ft}^2}{\text{Pervious Area}} \times \text{Total Lot Area} = \frac{\text{ft}^2}{\text{Impervious + Pervious Areas}}$$

### IN LIEU FEE CALCULATION

$$\frac{\text{ft}^3}{\text{Planned Mitigation Volume}} \times \begin{matrix} 7.49 \text{ gallons/ft}^3 \times \\ \text{Conversion} \end{matrix} \times \begin{matrix} \$7.61^{\text{iv}}/\text{gallon} \\ \text{Unit Cost} \end{matrix} = \frac{\text{Estimated One-Time Fee}}$$

Skip to #6

### FOOTNOTES

- <sup>i</sup> Contact City's Engineering Division for information on this option.
- <sup>ii</sup> Identify all hardscape square footages that total this figure:  
 Roof area \_\_\_\_\_; Walkway area \_\_\_\_\_; Patio area: \_\_\_\_\_;  
 Parking Lot and/or Driveway area: \_\_\_\_\_; Misc. area \_\_\_\_\_
- <sup>iii</sup> The planned mitigation volume is the volume that needs to be mitigated via BMP or in lieu fee.
- <sup>iv</sup> Unit Cost can change each year; obtain latest from Engineering Division.

All new and some existing impermeable areas must be directed to BMPs unless excluded by the approved building plans or appropriate City official.

# Urban Runoff Drainage Plan Application: Worksheet – continued

## 3. Required figures for submission with plan (these specific figures are kept confidential)

- a. Include area of permeable paving used as BMP (where applicable) \_\_\_\_\_ ft<sup>2</sup> (attach drawings if available)
- b. Include total cost or estimate of BMP(s) (labor and materials)\$ \_\_\_\_\_
- c. Include total project cost \$ \_\_\_\_\_

Runoff from all hardscapes must be directed to the BMP.

## 4. List name(s) of proposed mitigation measures or best management practices (BMPs) to be used

(add attached sheets or drawings if necessary, examples include Infiltration Pit or Drywell, Depression Basin, French Drain, Biofilter or Landscape; see Insert List of Approved BMPs or City web site under Engineering, Design page):

## 5. Explain the maintenance plan

(Such as, BMPs shall be inspected before and after rainy seasons, checking roof downspouts, visually checking overflow pipes, clearing debris from gutters and downspouts, checking overflow curb openings of BMPs, maintaining the depressed areas, maintaining landscape above and around an infiltration pit, where applicable):

## 6. Project plan information

- a. Project address in Santa Monica:
- b. Property owner name/address/phone (if different than a):
- c. Alternate address during construction (if different than a):
- d. Contractor name/address/phone/ fax/ email:

Anticipated Start Date: \_\_\_\_\_ Estimated Project Completion Date: \_\_\_\_\_

Report Prepared by: \_\_\_\_\_ Date: \_\_\_\_\_

Architect or engineer name/address/phone/fax/email: \_\_\_\_\_

I hereby agree that I will complete all runoff mitigation measures described herein and/or in the approved plans prior to completion of the project. The City of Santa Monica has no responsibility or liability for any urban runoff mitigation measure, i.e. BMP, installed to comply with the urban runoff requirements at this project address. I agree that I have consulted with appropriate professionals regarding the size and suitability of the BMP that I have selected for the specific conditions present at my site. I further agree to maintain any BMP(s) on my property for as long as I own this property and to inform a buyer of any BMP(s) if I sell my property.

### Property Owner or Authorized Representative

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print name/title: \_\_\_\_\_

City reviewer: \_\_\_\_\_ Date: \_\_\_\_\_

You need to call the City's Urban Runoff Management Coordinator before completion of your BMP so that the BMP can be inspected for approval. You will NOT receive a Certificate of Occupancy without this approval. For this and for more information about the Santa Monica Urban Runoff Ordinance, call (310) 458-8223. For engineering questions, call (310) 458-8721.