



Urban Runoff Drainage Plan Worksheet

1. Project Questionnaire

Please answer the following questions:

Project Address _____

- a. Will the project build on a vacant parcel? Yes No
- b. Will the project add/replace 50% or more of the total square footage of an existing structure >500 sq. ft.? Yes No
- c. Will the project create, add, or replace 5,000 square feet or more of impervious surface? Yes No
- d. Will the project create a new detached structure that is 500 square feet or larger? Yes No
- e. Is the project located in or within 200 feet of an environmentally sensitive area? Yes No
- f. Is the project a new development on a 15,000+ sq. ft. parcel? Yes No

If you answered yes to any of the above questions mitigation is required.

If mitigation is not required would you like to voluntarily mitigate urban runoff? Yes No

If you answered yes to any of the questions above you must complete the remainder of the worksheet.

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

2. Calculate total impervious area

Enter the square footage of each impervious area.

Roof area: _____ + Walkway area: _____ + Patio area: _____ +
 Parking Lot and/or Driveway area: _____ + Misc. area: _____ = Total impervious area: _____

All new and existing impermeable areas shall be directed to BMPs unless excluded by the approved building plans or appropriate City official. (Note: Stormwater runoff is not allowed to discharge to adjacent parcels or over the sidewalk.)

3. Calculate runoff mitigation volume required

Total impervious area _____ ft² X .0625 ft = _____ ft³
Required Mitigation Volume

4. Design volume and/or fee amount

The volume may be mitigated via a number of mitigation measures or a combination of measures. Additionally, a combination of mitigation measures and payment of an in-lieu fee is acceptable. Infiltration pits allow water to percolate back to ground water. They can be filled with rock (3/4" or larger and consistently sized) or use plastic infill devices. Cisterns or rain barrels can store water on-site for future use as a non-potable water source for irrigation. Surface depressions can be incorporated into landscaping and store water for percolation to ground water. (Note: Some watersheds in the City do not allow infiltration and new development on lots >15,000 sq. ft. must reuse.)

Mitigation Measure	Installed Volume (ft ³)		Conversion		Void Volume (ft ³)
Percolation Pit with infill device	_____	X	0.95	=	_____
Percolation Pit with rock/gravel	_____	X	0.40	=	_____
Cistern / rain barrel / surface depression	_____	X	1.00	=	_____
Total Void Volume					_____

Total volume should be greater than or equal to required mitigation volume or pay an in-lieu fee for remainder

In lieu fee calculation

_____ ft³ X 7.49 gal./ft³ X \$7.61/gal. = _____
 Required Mitigation Volume – Total Void Volume = Fee Volume
 (Can be zero) Conversion Unit Cost One-Time Fee

Note: Unit cost can change each year. Obtain the latest from Engineering Division (310) 458-8737

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4. Required figures for submission (these specific figures are kept confidential)

- a. Include area of permeable paving used as BMP (where applicable) _____ ft²
- b. Include total cost or estimate of BMP(s) (labor and materials)\$ _____
- c. Include total project cost \$ _____

5. List name(s) of proposed mitigation measures or best management practices (BMPs) used

(See Insert List of Approved BMPs or City web site under Engineering, Design page):

6. 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):

7. 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:

Report Prepared by: _____ Date: _____

Architect or engineer name / address / phone / 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: _____

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.

CITY USE

Parcel # _____ Plan Check # _____