

VOLUME COMPLIANCE FORM
Maximum Extent Practicable Justification

Project Name: Click or tap here to enter text.

The reasons for this form are:

1. To guide the designer/applicant to justify how the City's volume control criteria will be met to the Maximum Extent Practicable¹ (MEP).
2. To guide the City of Lancaster stormwater permit reviewers in their reviews of applications.

Preparer Name: Click or tap here to enter text. Qualifications: Click or tap here to enter text.

I attest that the information provided on and accompanying this form is correct and complete.

Signature: _____ Date: Click or tap here to enter text.

Total Project Retention Volume (V_{RT}): Click or tap here to enter text. cubic feet (CF)

Referring to the City's Green Infrastructure Design Manual ("GI Manual"), Chapter 3, Section 3.2.3:

Step 1: Infiltration/Permanent Removal

Proposed V_{RT} to be Permanently Removed: Click or tap here to enter text. cubic feet (CF)

Will full V_{RT} be permanently removed? **Yes** (stop here, this form is complete); **No** (complete the following table and provide supporting information such as documentation of the presence and extent of constraints prohibiting or restricting the application of non-structural BMPs and volume-removing structural BMPs (for examples see GI Manual and MEP definition in the footnote). Refer to GI Manual Table 3.2.2-2 (Working within Existing Site Features) and describe how the strategies applicable to the project are being implemented. If applicable, provide documentation of alternative site designs explored, including estimates of stormwater permanent removal capacity for each alternative. This assessment should be conducted early in the design process, such as during conceptual design.)

¹ Applies when the applicant demonstrates to the City of Lancaster's satisfaction that the performance standard is not achievable. The applicant shall take into account the best available technology, cost effectiveness, geographic features, and other competing interests such as protection of human safety and welfare, protection of endangered and threatened resources, and preservation of historic properties in making the assertion that the performance standard cannot be met and that a different means of control is appropriate. (City Stormwater Ordinance Definition of MEP)

Professional Engineering Seal
(required if proposing to
proceed beyond Step 1):

Moving beyond the Step 1 compliance pathway requires approval by the City.

Table 1. Permanent Removal MEP Table

Practice	If the practice is being proposed, describe how it is being used to the MEP and provide supporting info	If the practice is not being proposed, describe why it is not feasible and provide supporting info
<i>Better Site Design</i>		
Clustering, Concentrating, and Minimizing Impervious Area	Click or tap here to enter text.	Click or tap here to enter text.
Protecting Sensitive and Special Value Resources (cultural, historical, and ecological)	Click or tap here to enter text.	Click or tap here to enter text.
Minimizing Disturbance and Maintenance	Click or tap here to enter text.	Click or tap here to enter text.
<i>Non-Structural Disconnection Practices</i>		
Tree Canopy Disconnection	Click or tap here to enter text.	Click or tap here to enter text.
Rooftop Disconnection	Click or tap here to enter text.	Click or tap here to enter text.
Pavement Disconnection	Click or tap here to enter text.	Click or tap here to enter text.
<i>Structural Practices</i>		
Bioinfiltration	Click or tap here to enter text.	Click or tap here to enter text.
Porous Pavement	Click or tap here to enter text.	Click or tap here to enter text.
Green Roof	Click or tap here to enter text.	Click or tap here to enter text.
Subsurface Infiltration	Click or tap here to enter text.	Click or tap here to enter text.
Cisterns / Capture & Reuse	Click or tap here to enter text.	Click or tap here to enter text.

Step 2: Management/Slow-Release using Green Infrastructure (GI)

Remaining V_{RT} to be managed (V_{RT} not proposed for permanent removal in Step 1): Click or tap here to enter text. CF

Will remaining V_{RT} be managed using GI? **Yes** (*stop here, this form is complete*); **No** (*complete the following table and provide supporting information such as documentation of the presence and extent of constraints prohibiting or restricting the application of GI.*)

Moving beyond the Step 2 compliance pathway requires approval by the City and permitting delays may occur.

Table 2. GI Management MEP Table

Practice	If the practice is being proposed, describe how it is being used to the MEP	If the practice is not being proposed, describe why it is not feasible
Bioretention	Click or tap here to enter text.	Click or tap here to enter text.
Porous Pavement (w/ slow-release)	Click or tap here to enter text.	Click or tap here to enter text.
Green Roof (w/ slow-release)	Click or tap here to enter text.	Click or tap here to enter text.
Naturalized Basins / Stormwater Wetland	Click or tap here to enter text.	Click or tap here to enter text.
Other/Proprietary (as discussed with City)	Click or tap here to enter text.	Click or tap here to enter text.

Step 3 (Optional): Permanent Removal or Management Using Off-Site GI in the Same Drainage Basin/Sewershed

Remaining V_{RT} to be managed (V_{RT} not managed in Steps 1 and 2): Click or tap here to enter text. CF

Will remaining V_{RT} be permanently removed or managed using off-site GI? **Yes** (*stop here, this form is complete*); **No** (*continue to Step 4.*)

Moving beyond the Step 3 compliance pathway requires approval by the City and permitting delays are likely.

Step 4: Storage/Slow-Release/Water Quality Treatment Using Non-GI

Remaining V_{RT} to be managed (V_{RT} not managed in Steps 1 through 3): Click or tap here to enter text. CF

Will remaining V_{RT} be managed using non-GI? **Yes** (*stop here, this form is complete*); **No**, only Click or tap here to enter text. CF of remaining V_{RT} shall be managed using non-GI (*complete the following table and provide supporting information such as documentation of the presence and extent of constraints prohibiting or restricting the application of non-GI.*)

Proceeding to Step 5 (fee-in-lieu) is a last resort and should only be considered when a thorough and iterative analysis of stormwater management using the tools in the GI Manual have been considered and exhausted. This analysis and justification must be documented and discussed in a pre-application meeting with the City as well as likely subsequent meetings. Permitting delays are very likely for applications proposing a fee-in-lieu.

Table 3. Non-GI Management MEP Table

Practice	If the practice is being proposed, describe how it is being used to the MEP	If the practice is not being proposed, describe why it is not feasible
Subsurface Detention	Click or tap here to enter text.	Click or tap here to enter text.
Surface Detention; Dry/Wet Pond	Click or tap here to enter text.	Click or tap here to enter text.
Water Quality Treatment BMPs (in separate sewer areas only)	Click or tap here to enter text.	Click or tap here to enter text.

Step 5: Pay a Fee-in-Lieu for Remaining Unmanaged Volume

Remaining V_{RT} to be managed via fee-in-lieu (V_{RT} not managed in Steps 1 through 4): Click or tap here to enter text. cubic feet (CF)

END OF FORM