Select the Streamlined or the O&M path.

ALL OPTIONS

This active sample form has been modified for offline access. Modified fields and instructions are indicated in purple. Sample forms are for reference only.

Performance period start: Jan 1, 2012

Performance period end: Mar 31, 2012

Select one of the following:

- ○ **LEED Design & Construction Streamlined Path.** The project earned at least one point related to quantity control under LEED for New Construction, LEED for Core and Shell, or LEED for Schools.
- ◉ **Operations & Maintenance Submittal Path.** The project team will document compliance with the stormwater quality control requirements of LEED-EB: O&M SS Credit 6.

Select Option 1, Option 2, or the Streamlined LPE. Option 2 is generally the easiest documentation path for existing building projects.

OPERATIONS & MAINTENANCE SUBMITTAL PATH

A Licensed Professional Exemption for a Professional Engineer or Registered Landscape Architect is available in lieu of either an assessment report or a stormwater mitigation calculator.

Select one of the following:

- ○ **Streamlined Path**. LPE (PE, RLA)
- ◉ **Full Documentation Path.**

Select one of the following:

- ○ **Option 1.** A stormwater assessment report will be provided.
- ◉ **Option 2.** The stormwater management calculator will be completed.

Option 1

LEEDuser

STORMWATER ASSESSMENT REPORT

Two-year, 24 hour design storm onsite rainfall volume	2,614	cf
Mitigated design storm rainfall volume	886	cf
Percentage of design storm rainfall volume mitigated	34	%

The following is uploaded below:

- A stormwater assessment report fo... the project building and associated grounds generated during the de... design phase according to prevailing regulations that accurately accounts for current site conditions
- A stormwater assessment report ... produced by a qualified industry professional (e.g., civil engineer).
- Equivalent assessment report.

Input the assessment results, and upload a copy of the assessment demonstrating that at least 15% of the stormwater from the 2-year 24-hour storm is mitigated.

Option 2

STORMWATER MANAGEMENT CALCULATOR

Table SSc6-1. Stormwater Management Calculator

Surface Type	Runoff Coefficient	A
Pavement, Asphalt	0.95	
Roof, Conventional	0.95	
Vegatation, Flat (0-1% slope)	0.1	

Complete the stormwater management calculator using site area and rainfall data.

Surface Type	Runoff Coefficient	Area (sf)	Area (acres)
Turf, Flat (0-1% slope)	0.25	500	0.01
Pavement, Concrete	0.95	750	0.02

Add Row | Delete Row

Site area (acres)	0.25
2-year, 24-hour design storm intensity (in/hr)	.12
Weighted average site runoff coefficient	0.82
Runoff rate of design storm (CFS)	0.02
Total rain from design storm (cubic feet)	2,614
Total runoff from design storm (cubic feet)	1,728
Volume captured (cubic feet)	0
Design storm rainfall mitigated *(must be at least 15%)*	33.89

Option 2

STORMWATER MANAGEMENT CALCULATOR

Table SSc6-1. Stormwater Management Calculator

Surface Type	Runoff Coefficient	Area (sf)	Area (acres)
Pavement, Asphalt	0.95	5000	0.11
Roof, Conventional	0.95	3500	0.08
Vegatation, Flat (0-1% slope)	0.1	1200	0.03

Surface Type	Runoff Coefficient	Area (sf)	Area (acres)
Turf, Flat (0-1% slope)	0.25	500	0.01
Pavement, Concrete	0.95	750	0.02

Add Row | Delete Row

Site area (acres)	
2-year, 24-hour design storm intensity (in/hr)	
Weighted average site runoff coefficient	0.82
Runoff rate of design storm (CFS)	
Total rain from design storm (cubic feet)	2,614
Total runoff from design storm (cubic feet)	1,728
Volume captured (cubic feet)	0
Design storm rainfall mitigated *(must be at least 15%)*	33.89

Make sure the total site area is consistent with all sites credits and PIf2.

Option 2

STORMWATER MANAGEMENT CALCULATOR

Table SSc6-1. Stormwater Management Calculator

Surface Type	Runoff Coefficient	Area (sf)	Area (acres)
Pavement, Asphalt	0.95	5000	0.11
Roof, Conventional	0.95		
Vegatation, Flat (0-1% slope)	0.1		

Surface Type	Runoff Coefficient		
Turf, Flat (0-1% slope)	0.25		
Pavement, Concrete	0.95	750	0.02

Add Row | Delete Row

Site area (acres)	0.25
2-year, 24-hour design storm intensity (in/hr)	.12
Weighted average site runoff coefficient	0.82
Runoff rate of design storm (CFS)	0.02
Total rain from design storm (cubic feet)	2,614
Total runoff from design storm (cubic feet)	1,728
Volume captured (cubic feet)	0
Design storm rainfall mitigated *(must be at least 15%)*	33.89

Make sure to use the rainfall intensity in inches/ hour.

All Options

Describe the following:
1. The source(s) used to define the rainfall intensity (in/hr) of the 2-year, 24-hour design storm.
2. Any circumstances of the site or local climate that make it likely that the mitigation percentage for the average weather year is lower than the mitigation percentage listed above for the two-year, 24-hour design storm.
3. For each set of circumstances described in (2), how the project team assessed compliance and provide any associated supporting documents.

Data for the rainfall intensity was pulled from the NOAA database for the nearest monitoring station. The mitigation percentage is not anticipated to be lower than the percentage noted above due to local climate conditions.

Describe the stormwater management strategies in place, including a summary of how and to what extent infiltration, harvesting or evapotranspiration strategies contribute to the mitigation volumes reported above.

The stormwater management strategy consists of infiltration from the low-sloped vegetation on site.

Provide narratives confirming the source for the rainfall intensity and the stormwater management strategies in place.

All Options

During significant weather events or due to seasonal detritus, soil and organic debris can build up in stormwater drainage systems; routine inspections and maintenance facilitate a fast response to these issues and limit the harmful environmental impacts. A regular inspection of existing controls shall be performed and logged to ensure that deficiencies are identified and remedied. This includes monthly inspection of the controls listed above, as well as the following:

- ☐ Assessment of slope stability after major rainfall events for site areas with steep slopes
- ☐ Inspection for standing water and drainage problems following major rainfall events
- ☐ Inspection of storm sewers during major rainfall for evidence of sedimentation

Upload SSc6-2. Provide a copy of the most recent stormwater inspection and a log showing that any needed maintenance or repairs were performed within 60 days of the inspection that uncovered them.

Upload *Files:* 1

Provide a narrative detailing the periodic stormwater inspections. All projects must conduct inspections even if the stormwater infrastructure on site is minimal.