



LEED 2009 for New Construction and Major Renovations

SS CREDIT 6.1: STORMWATER DESIGN - QUANTITY CONTROL

All fields and uploads are required unless otherwise noted.

ALL OPTIONS

This static sample form has been modified for offline access. All sections of the form are visible. Sample forms are for reference only.

Select one of the following:

- ☐ **Case 1.** Sites with existing imperviousness 50% or less.
- ☐ **Case 2.** Sites with existing imperviousness more than 50%.

CASE 1. EXISTING IMPERVIOUSNESS 50% OR LESS

Table SSc6.1-1. Site Runoff: One-Year, 24-Hour Design Storm

	Rate (cfs)	Quantity (cf/storm)
Predevelopment		
Postdevelopment		

Table SSc6.1-2. Site Runoff: Two-Year, 24-Hour Design Storm

	Rate (cfs)	Quantity (cf/storm)
Predevelopment		
Postdevelopment		

- ☐ **Option 1.** The postdevelopment site runoff rate and quantity reported above does not exceed the predevelopment site runoff rate and quantity for the one- and two-year 24-hour design storms.
- ☐ **Option 2.** The postdevelopment site runoff rate or quantity reported above exceeds the predevelopment site runoff rate or quantity. A stormwater management plan will be implemented to protect receiving stream channels from excessive erosion.

OPTION 1. NO INCREASE IN RUNOFF

CASE 2. EXISTING IMPERVIOUSNESS MORE THAN 50%

Table SSc6.1-3. Site Runoff: Two-Year, 24-Hour Design Storm

	Quantity (cf/storm)
Predevelopment	
Postdevelopment	
Percent reduction (Must be at least 25%)	

Upload SSc6.1-1. Provide a summary of the stormwater management plan to be implemented at the site, including:

1. Description of the stormwater management strategies.
2. Calculations supporting the runoff values reported above.

Files:

OPTION 2. STREAM CHANNEL PROTECTION

Upload SSc6.1-2. Provide a summary of the stormwater management plan to be implemented at the site, including:

1. Description of the quantity control strategies to be implemented.
(e.g., enhanced infiltration or evapotranspiration, rainwater reuse, etc.).
2. Description of the stream channel protection strategies to be implemented.
3. Critical capacity values for receiving streams.
(to demonstrate that waterways can accommodate the runoff values listed above)

Files:

ADDITIONAL DETAILS

- ☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

SPECIAL CIRCUMSTANCES

Describe the circumstances limiting the project team's ability to provide the submittals required in this form. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

Upload SSc6.1-SC. Provide any additional documentation that supports the claim to special circumstances. (Optional)

Files:

- ☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

ALTERNATIVE COMPLIANCE PATH

Describe the alternative compliance path used by the project team. Include justification that this path meets the credit intent and requirements. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

Upload SSc6.1-ACP. Provide any additional documents that support the alternative compliance path approach. (Optional)

Files:

☐ The project team is pursuing exemplary performance of SS Credit 6.1.

EXEMPLARY PERFORMANCE

Upload L-7. Provide the comprehensive approach implemented by the project team to capture and treat stormwater runoff. Describe how this approach performs above and beyond the credit requirements.

Files:

Note: Only one exemplary performance point may be achieved for SS Credit 6.1 and SS Credit 6.2.

SUMMARY

SS Credit 6.1: Stormwater Design - Quantity Control Points Documented:

SS Credit 6.1: Stormwater Design - Quantity Control Exemplary Performance Documented:

☐ The project team reserves one point in the Innovation in Design credit category for exemplary performance in SS Credit 6.1.