



LEED 2009 for New Construction and Major Renovations

WE CREDIT 1: WATER EFFICIENT LANDSCAPING

Project # [REDACTED]

All fields and uploads are required unless otherwise noted.

THRESHOLD ATTEMPTED

Points Attempted: 3 Reduce by 50%

ALL OPTIONS

A site plan showing the landscaped areas of the project building and associated grounds is required to document compliance with WE Credit 1. The site plan is a linked submittal. If no document is present, upload a site plan which meets the above requirements.

Upload L-2. Provide the site plan for the project.

Upload

Files: 5

Select one of the following:

- ☐ The site plan above shows landscaped areas of the project building and associated grounds.
- ☒ A different document is better suited to satisfy this requirement.

Upload WEc1-1. Provide a site plan for the project showing the landscaped areas.

Upload

Files: 1

- ☐ Project conditions do not allow for installation of vegetation on the grounds. Therefore planters, a vegetated roof, and/or a courtyard landscape have been installed to achieve credit compliance. (Optional)

Select one of the following:

- ☒ The landscaping and irrigation systems have been designed to reduce irrigation water consumption from a calculated baseline case.
- ☐ The landscaping installed does not require permanent irrigation systems. Temporary irrigation systems used for plant establishment will be removed no later than 18 months after installation.

IRRIGATION WATER CONSUMPTION REDUCTION

Reference evapotranspiration rate (ET_o):

7.1

Table WEc1-1. Irrigation Baseline Case (July)

Landscape Type	Area (sf)	ks	kd	kmc ¹	K _L	Et _o	ET _L	Irrigation Type	IE	TWA (Gal)
Sod	3,694.3	1	1	1	1	7.1	7.1	Sprinkler	0.625	26,158.19
Trees	1,177.5	0.5	0.5	1	0.25	7.1	1.78	Drip	0.9	1,451.56
Ornamental Grass	2,751.3	0.2	1	1	0.2	7.1	1.42	Drip	0.9	2,705.71
Total area	7,623.1	Baseline Total Potable Water Applied (TPWA) (gal)								30,316

Add Row

Delete Row

Table WEc1-2. Irrigation Design Case (July)

Landscape Type	Area (sf)	ks	kd	kmc ¹	K _L	Et _o	ET _L	Irrigation Type	IE	CE	TWA (Gal)
Mixed	3,694.3	0.5	1.1	0.5	0.28	7.1	1.99	Sprinkler	0.625	1	7,332
Trees	1,177.5	0.5	0.5	1	0.25	7.1	1.78	Drip	0.9	1	1,452
Ornamental Grass	2,751.3	0.2	1	1	0.2	7.1	1.42	Drip	0.9	1	2,706
Total area	7,623.1	Design total water applied (TWA) (gal)									11,490
		Nonpotable water used (gal)									
		Design total potable water applied (TPWA) (gal)									11,490

Add Row

Delete Row

1. For each landscape type, the microclimate factor (kmc) must be the same for the baseline and design case.

Percentage reduction of potable water: %

Percentage reduction of total water: %

A 50% reduction in potable water use is required for 2 points. A 100% reduction in potable water and a 50% reduction in total water is required for 4 points.

ADDITIONAL DETAILS

- ☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.
- ☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

SUMMARY

WE Credit 1: Water Efficient Landscaping Points Documented: