



# LEED 2009 for Schools New Construction and Major Renovations

## WE CREDIT 2: INNOVATIVE WASTEWATER TECHNOLOGIES

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.

The baseline for WE Credit 2 is derived from the flush fixture water usage data provided in the WE Prerequisite 1: Water Use Reduction - 20% Reduction. The WE Prerequisite 1 form must be completed before compliance with WE Credit 2 can be documented. The following summary table is a linked submittal.

**Table.** Flush Fixture Summary

Total calculated flush fixture water use annual volume, baseline case (kGal)	
Total calculated flush fixture water use annual volume, performance case (kGal)	
Percent reduction of water use in flush fixtures (%)	

Select one of the following:

- ☐ **Option 1.** In the project building, potable water use for building sewage conveyance is reduced by at least 50% through the use of high-efficiency flush fixtures (water closets, urinals) and/or nonpotable water (captured rainwater, recycled greywater, and on-site or municipally treated wastewater).
- ☐ **Option 2.** In the project building, at least 50% of wastewater is treated on-site to tertiary standards. Treated water is infiltrated or used on-site.

### OPTION 1

- ☐ The project building uses nonpotable water for sewage conveyance, in addition to or in lieu of using high-efficiency flush fixtures, in the following annual quantities. (Optional)

Captured rainwater:	<input type="text"/>	kGal
Recycled greywater:	<input type="text"/>	kGal
On-site treated wastewater:	<input type="text"/>	kGal
Municipally treated wastewater:	<input type="text"/>	kGal
Other:	<input type="text"/>	<input type="text"/> kGal

**Upload WEc2-1.** Provide plumbing drawings and calculations that illustrate nonpotable water systems supporting the quantities entered.

Files:

**Table.** Potable Water Reduction Summary

Annual volume of nonpotable water used for sewage conveyance (kGal)	
Percent reduction of potable water use for sewage conveyance (%)	

*A 50% reduction of potable water use for sewage conveyance is required to document compliance with WE credit 2.*

## OPTION 2

**Table.** Wastewater Treatment

Wastewater Source	Annual Quantity Treated On-Site (kGal)	Annual Quantity Infiltrated On-Site (kGal)	Annual Quantity Reused On-Site (kGal)
Totals			
Total calculated flush fixture water use annual volume, performance case (kGal)			
Total annual volume of wastewater treated on-site (infiltrated and/or reused) (kGal)			
Percentage of wastewater treated on-site (infiltrated and/or reused) (%)			

*Percentage of wastewater treated must be at least 50% to document compliance.*

**Upload WEc2-2.** Provide plumbing drawings and diagrams that contain detailed information regarding the on-site water treatment, infiltration and reuse capabilities at the project building.

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 WEc2-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 WEc2-ACP.** Provide any additional documents that support the alternative compliance path approach. (Optional)

*Files:*

- ☐ The project team is using the above alternative compliance path to document exemplary performance of WE Credit 2.

## SUMMARY

WE Credit 2: Innovative Wastewater Technologies Points Documented:

WE Credit 2: Innovative Wastewater Technologies Exemplary Performance Documented:

- ☐ The project team reserves one point in the Innovation in Design credit category for exemplary performance in WE Credit 2.