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- MRpc84 | MR Credit Category Pilot ACP
- MRpc87 | Verified Construction & Demolition Recycling Rates
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- SSpc45 | Site assessment
- SSpc55 | Bird collision deterrence
- SSpc55 | Bird collision deterrence
- SSpc55 | Bird collision deterrence
- SSpc64 | Site improvement plan
- SSpc7 | Light pollution reduction
- SSpc7 | Light pollution reduction
- SSpc75 | Clean construction
- SSpc75 | Clean construction
- SSpc75 | Clean construction
- SSpc82 | Local food production
- SSpc82 | Local food production
- SSpc82 | Local food production
- SSpc82 | Local food production
- SSpc83 | Site development - protect or restore habitat - alternative compliance path
- SSpc83 | Site development - protect or restore habitat - alternative compliance path
- SSpc83 | Site development - protect or restore habitat - alternative compliance path
- SSpc83 | Site development - protect or restore habitat - alternative compliance path
- WEpc10 | Sustainable wastewater management
- WEpc10 | Sustainable wastewater management
- WEpc17 | Cooling tower water use
- WEpc17 | Cooling tower water use
- WEpc18 | Appliance and process water use reduction
- WEpc18 | Appliance and process water use reduction
- WEpc18 | Appliance and process water use reduction
- WEpc32 | WaterSense for new homes
- WEpc32 | WaterSense for new homes
- WEpc94 | No Cooling Tower - alternative compliance path
- WEpc94 | No Cooling Tower - alternative compliance path
- WEpc94 | No Cooling Tower - alternative compliance path

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LEED BD+C: Core and Shell | v3 - LEED 2009

Sustainable wastewater management

WEpc10 | Possible 1 point

1 result in**All** .

- Glossary

Intent

To increase the efficiency of wastewater reuse by encouraging water reuse, reduction or recovery.

Pilot Credit Closed

This pilot credit was closed to new pilot credit registrations on 3/1/2015. It is now available in the LEED Innovation Catalog for ongoing use by project teams as an innovation point rather than a pilot credit.

Requirements

Option 1. Source reduction

Reduce wastewater from toilets and urinals by at least 50% from the baseline calculated in WE Prerequisite Fixture & Fitting Water Use Reduction for toilets and urinals only.

Percent reduction	Points
50%	1
95%	1 (2nd point not available)

OR

Option 2. Reuse

Reuse building wastewater on site. Use water from approved non-potable sources including:

- recycled wastewater (on-site or municipally supplied),
- swimming pool backwash operations,
- air conditioner condensate,
- rainwater,
- cooling tower blow-down water,
- foundation drain water,
- steam system condensate,
- fluid cooler discharge water,
- food steamer discharge water,

- combination oven discharge water,
- industrial process water,
- fire pump test water
- municipally supplied treated seawater
- ice machine condensate

Reused water must meet the applicable local code, for its intended use (e.g., on-site irrigation, toilet flushing, cooling tower).

Strategy	Points
Implement wastewater reuse	1
Reuse at least 90% of wastewater on site	1 (2nd point not available)

OR

Option 3. Resource recovery

Implement resource recovery and reuse of one or both of the following for up to 1 point::

Resource recovery type	Points
nutrients (nitrogen and/or phosphorous)	1
organic carbon loading from building occupants	1 (2nd point not available)

General Pilot Documentation Requirements

Register for the pilot credit

- Participate in the LEEDuser pilot credit forum
- Complete the feedback survey:

Credits 1-14

Credits 15-27

Credits 28-42

Credits 43-56

Credits 57-67

Credits 68-82

Credits 83-103

Credit specific

Option 1:

- Provide a narrative which includes the type of alternative technology and details about how it will be installed and operated for the project building. Systems that negatively offset the environmental benefits, such as those that have high energy use or high pollution rates will not be accepted.
- Provide any applicable specifications, drawings, and calculations to show that the system significantly minimizes or eliminates the annual wastewater produced from sewage conveyance.
- Process water reduction (i.e., from food service) may qualify for this credit, however, and additional explanation of the method must be provided.

Option 2:
Provide a narrative about the wastewater treatment/reuse system including:

- whether it meets the local standard wastewater
- source and reuse location (e.g, building graywater reused as toilet flushing water)
- approximately what portion of the water type is being reused
- Provide any applicable specifications or drawings to demonstrate the system design and location.

Option 3:
Provide a narrative explaining the resource recovery strategy used including:

- Type of resource(s) recovered
- Descriptions and specification on system used
- Estimated annual quantity recovered
- Estimated impact on total building resource production (i.e. approximately what percent of the identified resource is recovered).

Additional questions

- Did the revisions to this credit make it more achievable for your project? For other projects?
- Are there strategies that have been used on this or other projects that would be applicable to this credit? Explain.

Changes:

- 1/15/2013: removed NSF 350 standard from requirements

1 commentLeave a comment

2 years 25 weeks ago

Nicole Isle

Chief Sustainability Strategist, Glumac

What is the performance criterion for Option 2 Building wastewater reuse onsite for 1 pt? Is it 50% like Option 1 or...? The table simply shows that if you implement wastewater reuse, you get 1 point.

Threaded list - expanded

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