



“OneFlow”

An anti-scaling water treatment technology designed to protect plumbing components, pipes, fixtures, valves, fittings, hot tanks, etc. from the negative effects typically caused by water hardness



**LEED-NC
Green Building Rating System
For New Construction &
Major Renovations**

Manufacturing and specifying products to promote the conservation of water in residential, commercial, and light-industrial applications.

Version 2.2

The following pages are where Watts (A division of Watts Water Technologies, Inc.) products have the potential to help Engineers acquire LEED credits in the design of “GREEN” Sustainable Buildings.

Sustainable Sites - 2 Possible Points

SS Credit 5.2 :

Site Development > Maximize Open Space

1 Point

Intent:

Provide a high ratio of open space to development footprint to promote biodiversity.

Potential Product Application:

Watts' OneFlow system uses approximately 75% less floor space than water softeners. There is no need for a brine tank or salt storage with OneFlow. OneFlows smaller mineral tanks save space in the development footprint (defined as the total area of the building footprint, hardscape, access roads and parking) and/or provide vegetated open space within the project boundary to exceed the local zoning's open space requirement for the site by 25%.

Watts Products:

- OneFlow

*** For additional product information refer to Watts' OneFlow catalog: FLD-OneFlow or online at <http://www.watts.com/>*

SS Credit 6.1 :

Stormwater Design > Quantity Control

1 Point

Intent:

Limit disruption of natural water hydrology by reducing impervious cover, increasing on- site infiltration, reducing or eliminating pollution from stormwater runoff, and eliminating contaminants.

Potential Product Applications:

Watts' OneFlow system reduces chemical or raw material consumption and requires no chemical or significant ongoing consumable (salt, as an example). In addition, OneFlow retains the beneficial minerals, calcium & magnesium.

Watts Products:

- OneFlow

*** For additional product information refer to Watts' OneFlow catalog: FLD-OneFlow or online at <http://www.watts.com/>*

Water Efficiency - 3 Possible Points

WE Credit 2 :

Innovative Wastewater Technologies

1 Point

Intent:

Reduce generation of wastewater and potable water demand, while increasing the local aquifer recharge.

Potential Product Application:

Watts' OneFlow system requires no backwashing, no regeneration, no brine fill and no brine rinse as compared to conventional commercial softeners. These features allow the One Flow system to save on average 20-30% of water.

Watts Products:

- * OneFlow

*** For additional product information refer to Watts' OneFlow catalog: FLD-OneFlow or online at <http://www.watts.com/>*

WE Credit 3.1 :

Water Use Reduction > 20% Reduction

1 Point

WE Credit 3.2 :

Water Use Reduction > 30% Reduction

1 Point in addition to WE Credit 3.1

Intent:

Maximize water efficiency within buildings to reduce the burden on municipal water supply and wastewater systems.

Potential Product Application:

Watts' OneFlow systems ability to prevent scale accumulation maximizes water efficiency within a building. One Flow also reduces wastewater discharge by not requiring backwashing as opposed to a typical Water Softener.

Watts Products:

- * OneFlow

** For additional product information refer to Watts' OneFlow catalog: *FLD-OneFlow* or online at <http://www.watts.com/>

Energy and Atmosphere - 1 Possible Points

EA Credit 5 :

Measurement & Verification

1 Point

Intent:

Provide for the ongoing accountability of building energy consumption over time.

Potential Product Application:

Watts' OneFlow system uses no electricity and reduces energy consumption by keeping heat transfer surfaces free of energy-robbing scale formation.

Watts Products:

- * OneFlow

*** For additional product information refer to Watts' OneFlow catalog: FLD-OneFlow or online at <http://www.watts.com/>*

Materials & Resources - 3 Possible Points

MR Credit 1.3 :

Maintain 50% of Interior Non-Structural Elements

1 Point

Intent:

Extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

Potential Product Application:

Watts' OneFlow system is made of high quality materials that can be reused to extend the life cycle of existing buildings or to reduce environmental impacts of new building construction.

Watts Products:

- * OneFlow

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MR Credit 5.1 :

Regional Materials > 10% Extracted, Processed & Manufactured Regionally

1 Point

MR Credit 5.2 :

Regional Materials > 20% Extracted, Processed & Manufactured Regionally

1 Point in addition to MR Credit 5.1

Intent:

Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

Potential Product Application:

Watts' OneFlow system has manufacturing facilities in the United States thus allowing the product to be within 500 miles of a project site.

Watts Manufacturing facilities:

- Plano, TX
- Buena Park, CA
- Milwaukee, WI

Innovation & Design Process – 1 to 4 Possible Points

ID Credit 1-1.4 :

Innovation in Design

1 to 4 Points

Intent:

To provide design teams and projects, the opportunity to be awarded points for exceptional performance above the requirements set by the LEED-NC Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED-NC Green Building Rating System.

Potential Product Application:

Watts goal of providing for safe and sustainable “Green” buildings will help all Engineers and Architects with strategies, submittals, and drawings to help meet the Innovation in Design points.

Example of applications for Innovation in Design Credits:

- OneFlow Anti-Scale System – Watts OneFlow is an ingenious green product that addresses scale prevention, hence reducing energy consumption. One-Flow requires no chemicals or ongoing consumables, such as salt. It also retains the beneficial minerals, such as calcium and magnesium, associated with hard water.

Watts Product:

- OneFlow

*** For additional product information refer to Watts’ OneFlow catalog: FLD-OneFlow or online at <http://www.watts.com/>*

Any questions can be directed to the following:

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*** Watts Water Technologies, Inc. is a member of the USGBC*