



WATERMARK LIC

WATERMARK LIC is on track for achieving LEED Silver Certification. LEED stands for Leadership in Energy and Environmental Design and is a rating system designed to encourage environmentally sustainable construction. A selection of Watermark LIC's sustainability features are outlined below. Learn more at usgbc.org.

SUSTAINABLE SITES: Reduces the demand for fossil fuels

SSc2 Development Density and Community Connectivity - Watermark LIC is located in a dense urban area with existing infrastructure.

- The project is located in Long Island City in Queens New York. Projects such as Watermark LIC that are built in dense urban areas are more likely to have pedestrian access to basic services, resulting in reduced demand for traditional automobile dependent-transportation. This reduces overall air pollution and greenhouse gas emissions.
- Projects located in areas with access to basic services and densely occupied such as LIC boost the local economy and create a more desirable work environment, increasing worker morale.
- Higher density communities such as LIC reduce urban sprawl and demand for automobile-based transportation as well as protecting greenfields and preserving habitats and natural resources.

SSc3 Brownfield Redevelopment - Watermark LIC is located on a site which required remediation and abatement

- Redeveloping brownfields reduces the need for developing greenfields, parkland, farmland or other sites which should be protected from development.

WATER EFFICIENCY: Reduce the project's usage of potable water use

WEp1 / WEc3 Water Use Reduction - Through the installation of water efficiency plumbing fixtures such as high efficiency toilets, low-flow showerheads and lavatory faucets, Watermark LIC was able to reduce its water usage by over 35% as compared to the US national standard from the EPA's EPAAct of 1992 which set water limits for all plumbing fixtures nation-wide.



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ENERGY AND ATMOSPHERE : Reduce air pollution, the project's overconsumption of energy and reduce the building's impact on climate change

EAp2 / EAcl - Minimum Energy Performance - Through the installation of efficient lighting design and HVAC equipment, Watermark LIC was able to achieve an energy cost savings of 20.35% as compared to the ASHRAE 90.1-2007 standard. This energy use reduction will ensure that the building's impact on climate change is reduced through increased efficiency and reduced carbon emissions.

EAcl - Green Power - Watermark LIC has purchased renewable energy credits to offset 35% of the building's anticipated energy production over the next two years. This equates to 1072MWh of electricity usage.

MATERIALS & RESOURCES: Reduce the building's impact on the natural environment

MRc2 Construction Waste Management - Watermark LIC is targeting a 75% diversion rate of all construction and demolition waste, products that otherwise would have been sent to the landfill.

MRc4 Recycled Content - Watermark LIC is targeting a 20% overall usage of materials containing pre- and post-consumer recycled content.

MRc5 Regional Material - Watermark LIC is targeting a 20% overall usage of regionally manufactured and extracted materials.

INDOOR ENVIRONMENTAL QUALITY: Improve the health and quality of life for building users

IEQc4.1 - 4.4 Low-Emitting Material Suite - Watermark LIC installed only low- and no-VOC containing materials such as paints, primers, floor-coatings, duct sealants, caulks, floor adhesives among others. Low-emitting flooring materials such as ceramic and resilient tile were installed. Plywoods and MDFs free of urea formaldehyde - a known carcinogen - were installed ensuring no carcinogenic materials were used on site.

IEQc6.1 and 6.2 Controllability of Systems Suite: Lighting & Thermal Comfort - All spaces were designed to ensure all users will be as comfortable as possible, ensuring that all spaces have individualized lighting and thermostatic controls.