



# Green Guide for Health Care Newsletter

August 2007

## Demystifying Green Guide Prerequisites

A one-page review of the Green Guide's basic requirements.

When a project registers with the *Green Guide for Health Care*, it commits to fulfilling all of the Prerequisites in the program: either the *Construction* section, the *Operations* section, or both. *Green Guide* Prerequisites have been designed to reflect essential best practices to support a high performance, healing environment. The information below reviews the key elements of *Green Guide* Prerequisites – the foundation of the *Green Guide* program. While the *Green Guide* does not designate credit thresholds, registered projects are encouraged to complete as many voluntary credits as possible in addition to achieving all the Prerequisites.

### Construction Section

GGHC Prerequisite Title	Intent	Typical Responsibility
<b>ID Prereq 1:</b> Integrated Design Process	Establish and implement a multi-stakeholder collaborative goal setting and design process.	Entire project team, key project stakeholders
<b>ID Prereq 2:</b> Health Mission Statement & Program	Establish human health as a fundamental evaluative criterion for building design, construction, and operational strategies.	Entire project team, key project stakeholders
<b>SS Prereq 1:</b> Construction Activity Pollution Prevention	Reduce pollution from construction activities by controlling soil erosion, waterway sedimentation and airborne dust generation.	Contractor
<b>WE Prereq 1:</b> Potable Water Use for Medical Equipment Cooling	Eliminate potable water use for medical equipment cooling.	MEP (coordinate with Facilities, Infection Control)
<b>EA Prereq 1:</b> Fundamental Commissioning of the Building Energy Systems	Verify that the building's HVAC, lighting and daylighting, domestic hot water, renewable energy, and building envelope systems are installed, calibrated, and perform according to the owner's project requirements, basis of design, and construction documents.	Commissioning Authority, General Contractor, Owner
<b>EA Prereq 2:</b> Minimum Energy Performance	Establish the minimum level of energy efficiency for the proposed building and systems.	MEP (coordinate with Architect)
<b>EA Prereq 3:</b> Fundamental Refrigerant Management	Reduce ozone depletion.	MEP (coordinate with Facilities)
<b>MR Prereq 1:</b> Storage & Collection of Recyclables	Facilitate the reduction of waste generated by building occupants that is hauled to and disposed of in landfills and incinerators through reduction, reuse, recycling and composting.	Architect (coordinate with Environmental Services, Clinical Staff)
<b>MR Prereq 2:</b> Mercury Elimination	Eliminate mercury-containing building products and reduce mercury discharge through product substitution and capture.	Architect, MEP (coordinate with Facilities)
<b>EQ Prereq 1:</b> Minimum Indoor Air Quality (IAQ) Performance	Establish minimum IAQ performance to enhance indoor air quality in buildings, thus contributing to the comfort and well-being of building occupants.	MEP
<b>EQ Prereq 2:</b> Environmental Tobacco Smoke (ETS) Control	Prevent exposure of building occupants and systems to Environmental Tobacco Smoke (ETS).	Owner
<b>EQ Prereq 3:</b> Hazardous Material Removal or Encapsulation	Reduce the building occupant's potential exposure to asbestos, mercury, lead, and mold; and, prevent associated harmful effects of these hazardous materials in existing buildings.	Contractor

### Operations Section

GGHC Prerequisite Title	Intent/Explanation	Typical Responsibility
<b>IO Prereq 1:</b> Ongoing Self-Certification	For projects that have successfully self-certified using the Construction section, maintain the ongoing functional application of all design decisions & processes associated with the initial design certification.	In-house "Green Team" or sustainability administrator
<b>IO Prereq 2:</b> Integrated Operations & Maintenance Process	Demonstrate a cross discipline approach in Operations and Maintenance decision-making and implementation to ensure safe, healthful, environmentally sensitive methods and materials.	Facilities, Environmental Health & Safety
<b>IO Prereq 3:</b> Environmental Tobacco Smoke Control	Prevent exposure of building occupants and systems to Environmental Tobacco Smoke (ETS).	In-house "Green Team"
<b>IO Prereq 4:</b> Outside Air Introduction & Exhaust Systems	Establish minimum indoor air quality (IAQ) performance to enhance indoor air quality in buildings, thus contributing to the health and well-being of building occupants.	Facilities
<b>EE Prereq 1:</b> Existing Building Commissioning	Verify that fundamental building systems and assemblies are performing as intended to meet current needs and sustainability requirements.	Facilities
<b>EE Prereq 2:</b> Minimum Building Energy Performance	Establish the minimum level of energy performance for the building and systems.	Facilities
<b>EE Prereq 3:</b> Ozone Protection	Reduce ozone depletion caused by refrigerants.	Facilities
<b>WC Prereq 1:</b> Minimum Water Efficiency	Maximize fixture water efficiency within buildings to reduce the burden on potable water supply and wastewater systems.	Facilities
<b>CM Prereq 1:</b> Polychlorinated BiPhenyl (PCB) Removal	Reduce the potential exposure of building occupants to PCBs and PCB combustion by-products in case of fire in the building.	Facilities, Environmental Health & Safety
<b>WM Prereq 1:</b> Waste Stream Audit	Establish minimum source reduction and recycling program elements and quantify current waste stream production volume.	Environmental Services

## News

- Join us on **Friday, September 7** from 1-2:30 ET for the next GGHC/H2E (Hospitals for a Healthy Environment) Green Building teleconference: **"How To" Achieve Materials & Resources Credits**. The following **Friday, September 14**, H2E will present a teleconference on **"Waste Volume Reduction in ORs."** **Effective November 2006**, all H2E teleconferences will become an **H2E Subscriber Benefit**. For an annual \$199 subscription fee, H2E Subscribers will have access to 26 teleconferences (including green building topics), the ability to apply for H2E awards, and staff technical assistance. Visit <http://h2e-online.org/subscribe/index.htm> for more information.
- Health & Sustainability Conference** on September 15 in **Ithaca, NY**, will feature a session on the *Green Guide for Health Care*. Click [here](#) to register.
- The **Consorta Source Conference** on September 23-26 in **Chicago** will feature a session on the *Green Guide for Health Care*. Click [here](#) to register.
- Register now for **Building Green Hospitals: Healthy Alternatives for Interior Flooring & Finishes** in **Portland, OR**, on September 24 and **Seattle, WA**, on September 25. Click [here](#) for more information.
- Public comment period open for the 2010 edition of the Guidelines for Design and Construction of Health Care Facilities**. Visit the [FCI website](#) before September 30, 2007, to propose both revisions and additional material. See the July 2007 *Green Guide for Health Care* Newsletter for tips on submitting public comments to the *Guidelines*.
- LEED for High Performance Operations**, recently released for public comment, **includes two Green Guide credits**: Toxic Material Source Reduction: Reduced Mercury in Lamp Purchases, and Sustainable Food Purchasing. Visit <http://www.usgbc.org> for more information. Visit the [public comment page](#) (restricted to USGBC website accounts) by September 2 to comment.
- Green Guide** spotlighted in the **2007 McGraw Hill Health Care Green Building SmartMarket Report**. Click [here](#) for more information.
- Purchase a printed copy of GGHC Version 2.2 at the GGHC Online Store!** Visit <http://www.gghc.org> to access the *Green Guide's* online store or to download a free, PDF digital copy.
- Register your project with the Green Guide for Health Care!** *Green Guide* website registrants can register projects at no charge by logging onto [www.gghc.org](http://www.gghc.org) and following the prompts on the [Project](#) web page. Project registration is fast and easy and grants up to 14 project team members access to GGHC online tools such as checklists and a peer-to-peer Forum open only to *Green Guide* registered project teams.
- Support the Green Guide for Health Care!** Visit the [Supporters](#) section of the *Green Guide* website for information on how to support our work. All donations to the *Green Guide* are tax deductible to the fullest extent of the law.

Green Guide for Health Care (GGHC) is a project of the Center for Maximum Potential Building Systems (CMPBS) and Health Care Without Harm