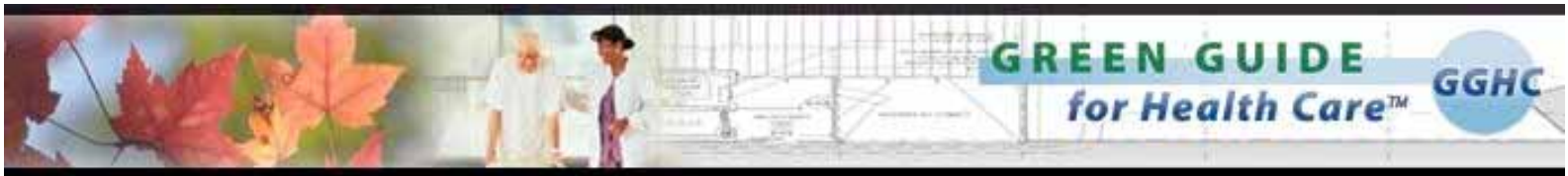

Best Practices for Creating High Performance Healing Environments™

Green Guide for Health Care Newsletter

January/February 2007

Green Guide for Health Care Version 2.2 is Here!

The *Green Guide for Health Care* Steering Committee is pleased to announce the release of Version 2.2. A project of the Center for Maximum Potential Building Systems and Health Care Without Harm, *Green Guide* Version 2.2 boasts a substantially revised *Construction* Section and several clarifying changes to the *Operations* section. The most significant revisions respond to feedback from *Green Guide* Pilot projects and, where appropriate, align with LEED for New Construction Version 2.2. Representing more than 30 million square feet in the U.S., Canada, and internationally, the 115 Pilots represent a broad cross-section of health care construction relative to location, scale, and facility type. All document revisions were thoroughly researched and peer-reviewed before being approved by the *Green Guide* Steering Committee. For a list of *Green Guide* Steering Committee members, visit the *Green Guide* website (http:// http://www.gghc.org/contributors.cfm).

***Green Guide Construction* Section Substantially Revised**

Added to *Green Guide* Version 2.2 *Construction* Section are one mandatory Prerequisite (now *12* total prerequisites) and one voluntary Credit (now *97* total credits). These changes, along with consolidation of several existing credits, has resulted in a slight shift of credit weighting across sections.

	***Green Guide* Version 2.1**	***Green Guide* Version 2.2**
Integrated Design	2 Prerequisites	2 Prerequisites
Sustainable Sites	1 Prerequisite 18 Credits (19%)	1 Prerequisite 21 Credits (22%)
Water Efficiency	1 Prerequisite 7 Credits (7%)	1 Prerequisite 6 Credits (6%)
Energy & Atmosphere	3 Prerequisites 19 Credits (20%)	3 Prerequisites 21 Credits (22%)
Materials & Resources	2 Prerequisites 24 Credits (25%)	2 Prerequisites 21 Credits (22%)
Environmental Quality	2 Prerequisites 24 Credits (25%)	3 Prerequisites 24 Credits (25%)
Innovation & Design Process	4 Credits (4%)	4 Credits (4%)

A handful of credits have been consolidated in *Green Guide* Version 2.2:

GGHC v2.1 WE Credit 1.1: Water Efficient Landscaping: Reduce Potable Water Use by 50% was removed in response to the concern that landscaping accounts for a small percentage of total potable water use in most U.S. health care facilities. GGHC v2.1 WE Credit 1.2: Water Efficient Landscaping: No Potable Water Use or No Irrigation was renumbered WE Credit 1 to encourage reuse of on-site rainwater and process water as well as municipally-provided reclaimed water for irrigation purposes.

GGHC v2.1 EA Credit 6: Energy Supply Efficiency was removed to reflect the USGBC's Administrative Guidance for LEED-NC EA Credit 1, providing a calculation for projects tying into a Combined Heat and Power supply source. To offset removing EA Credit 6, two points were added to EA Credit 1: Optimize Energy Performance.

GGHC v2.1 MR Credits 3-7 were consolidated into the single, five point credit, GGHC v2.2 MR Credit 3: Sustainably Sourced Materials, recognizing the need to consider multiple criteria when specifying building materials for the health care setting.

GGHC v2.1 EQ Credit 8.2: Daylight & Views: Building Orientation was deleted because the benefits of optimal building orientation are addressed in the Energy Optimization credit GGHC v2.2 EA Credit 1, and in GGHC v2.2 Daylight & Views Credit 8.1: Daylight for Occupied Spaces.

GGHC v2.1 EQ Credit 8.3: Daylight & Views: Views for Occupied Spaces was changed to Connection to the Natural World: Indoor Places of Respite to emphasize the significance of incorporating views that promote healing.

Several new credits have been introduced to *Green Guide* Version 2.2:

GGHC v2.2 SS Credit 3.3: Brownfield Redevelopment: Minimizing Future Hazards – The language covering site infiltration in GGHC v2.1 SS Credit 3.2 was moved to its own credit.

GGHC v2.2 SS Credit 5.3: Site Development: Structured Parking – This new credit ties on-site habitat protection to the inclusion of structured parking in lieu of surface parking.

GGHC v2.2 SS Credit 9.2: Connection to the Natural World: Exterior Access for Patients – This new credit expands the reach of outdoor places of respite to inpatient and outpatient units.

GGHC v2.2 EA Credit 6: Green Power – Four points were added to the Energy & Atmosphere section to encourage health care facilities to purchase electricity from renewable sources.

GGHC v2.2 EQ Prerequisite 2: Environmental Tobacco Smoke Control (ETS) - This Prerequisite was added to the Construction section to align with LEED for New Construction v2.2.

GGHC v2.2 EQ Credit 9.2: Acoustic Environment: Sound Isolation, Paging & Call System, and Building Vibration – GGHC v2.1 Credit 9 was revised to reference the Draft AIA/AHA Interim Sound and Vibration Design Guidelines for Hospitals and Healthcare Facilities. Responding to the length and comprehensive nature of the reference standard, the credit was divided into two parts to align the level of effort required for credit achievement with other *Green Guide* credits.

For a credit-by-credit comparison of *Green Guide* Version 2.2 and Version 2.1 Pilot, visit the Public Documents area on the *Green Guide* website (http://www.gghc.org/download/mgdocs.cfm).

After the Pilot

The roll out of *Green Guide for Health Care* Version 2.2 marks the end of the Pilot program and the next step in the *Green Guide's* evolution. Projects currently enrolled in the Pilot are encouraged to remain active participants in the *Green Guide* community. Pilot projects will automatically be re-registered as *Green Guide* Version 2.2 projects. Registration for *Green Guide* Version 2.2 projects will open to the general public in March 2007. All projects using the *Green Guide* are welcome to register and to participate in building a body of knowledge on current best practices in the green health care design, construction and operations industry.

Website

Updates to the *Green Guide for Health Care* website (www.gghc.org) are underway, due to be released in March 2007. Upgrades will include a new Forum, the ability for project team members to access *Green Guide* project information, and expanded access to online project administration.

Additional Resources

In addition to the comparison chart mentioned above, the Public Documents area on the *Green Guide* website (http://www.gghc.org/download/mgdocs.cfm) hosts the archive of all *Green Guide* e-newsletters. The November 2006 e-newsletter describes the most significant credit changes in Version 2.2, all of which are located in the *Construction* section.

News

1. **Join us on Friday, March 2 from 1-2:30 ET for the next GGHC/H2E (Hospitals for a Healthy Environment) Green Building teleconference: *"How To" Achieve Water Efficiency Credits.*** 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.

2. **ONE WEEK LEFT! Apply for a 2007 H2E Environmental Excellence Award!** Application deadline: February 14, 2007. For more information, click here.

3. **Register now** to participate in **Under the Microscope: High Performance Hospital Environments**. This full day workshop will be held at NESEA's BuildingEnergy07 in Boston, MA, on Tuesday, March 13. For more information, click here.

4. **CLEARANCE SALE!** Purchase a paper copy of the *Green Guide for Health Care* Version 2.1 while you still can at the discounted price of $50 (40% off regular price). Currently, *Green Guide* Version 2.2 is only available as a downloadable PDF. Visit http://www.gghc.org to access the *Green Guide's* online store.

5. ***Green Guide*** spotlighted in the November/December issue of ***Medical Construction and Design*** magazine as a valuable resource for health care administrators and design professionals! Visit http://www.mcdmag.com for more information.

6. ***Green Guide* and Kaiser Permanente** cited as models for creating value through green design and operations in ***Environmental Sustainability: Collaboration and Marketing Best Practices in the Building Industry***, a digital book published in January 2007 by the Sustainable Design Forum. Visit http://www.sustainabledesignforum.com for more information.

7. **Download the groundbreaking white papers, "Designing the 21st Century Hospital: Environmental Leadership for Healthier Patients and Facilities,"** prepared by Health Care Without Harm and sponsored by the Center for Health Design with funding from the Robert Wood Johnson Foundation. Available as a free download at http://www.gghc.org.

8. **Register a project with the *Green Guide for Health Care!* Beginning in March 2007,** *Green Guide* website registrants can register projects at no charge by logging into the website and following the prompts on the Project web page. Project registration is fast and easy and grants the project coordinator access to online tools such as checklists and a list-serve open only to *Green Guide* registered projects. Current Pilot projects will be automatically re-registered as *Green Guide* v2.2 projects in March 2007.

9. **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.

10. **The *Green Guide* welcomes our new Partner:** Massachusetts Technology Collaborative.

11. **The *Green Guide* welcomes our new Endorser:** Nalco Company.