



Green Guide for Health Care Newsletter

September 2005

Green Guide Tips

Simple How-To's for using the Guide effectively

How To Integrate Operations into Project Design

The *Green Guide* incorporates both *Construction* and *Operations* in a single document, providing valuable resources from the future operational life of the facility to design teams in the construction phase. Facilities managers involved with renovations have similar access to construction strategies cross-referenced in the *Operations* section. The following list of *How To's* is a guide to integrating the *Construction* and *Operations* sections in the field.

1. Refer to Resources and Strategies in Parallel Sections

The following table aligns parallel sections in *Construction* and *Operations*. In many cases, a section's color and title tie it to its counterpart in the other half of the document.

Construction	Operations
Integrated Design	Integrated Operations
Sustainable Sites	Transportation Operations
Water Efficiency	Water Conservation
Energy & Atmosphere	Energy Efficiency
Materials & Resources	Waste Management
Environmental Quality	Chemical Management Environmental Services Environmentally Preferable Purchasing
Innovation in Design	Innovation in Operations

2. Identify Specific Parallel Credits

Again, look for similar titles. Many parallel credits also share the same number in their respective sections:

Construction	Operations
ID Prereq 1: Integrated Design Process	IO Prereq 2: Integrated Operations & Maintenance Process
SS Credit 4: Alternative Transportation	TO Credit 1: Alternative Transportation
WE Credit 1: Water Efficient Landscaping	WC Credit 1: Water Efficient Landscaping
EA Credit 2: Renewable Energy	EE Credit 2: On-Site & Off-Site Renewable Energy
MR Credit 2: Construction Waste Management	WM Credit 1: Total Waste Reduction
EQ Credit 4: Low Emitting Materials	EP Credit 6: IAQ Compliant Products
ID Credit 1: Innovation in Design	IO Credit 1: Innovation in Operations

3. Look for Synergies with Other Credits in the "Technologies & Strategies" Section

Credit synergies are listed at the bottom of "Technologies & Strategies" in the revised *Operations* section of the *Green Guide* (version 2.0d), which will be available online by the middle of October and which is included in the printed version of the *Green Guide*. The Resources portion of *Operations* credits has been amplified, offering a host of information that is valuable for teams using both the *Construction* and *Operations* sections of the *Green Guide*.

Green Guide Spotlight

Success stories from Green Guide Pilots and Registrants

Kaiser Permanente's Modesto Campus Explores Passive Stormwater Management using Porous Pavement

Kaiser Permanente is creating a major new high performance healing environment at the Modesto Medical Center, a new 50-acre, 650,000-square-foot medical complex currently under construction in Modesto, California. Kaiser is using the project to pilot test several cutting edge green designs and techniques, and saving money in the process.

One example is the porous paving that is being installed on the parking lots at the Modesto Medical Center. Porous pavement allows water to filter back into the ground, avoiding the run-off problems and eliminating the water treatment needs of traditional pavement, which requires water to be drained off site and run through city water systems. By itself, the permeable paving was more expensive, but because Kaiser was able to eliminate fees to connect to the municipal water system and avoid installing a huge new piping system -- saving a substantial amount of material resources in the process -- the environmentally friendlier porous pavement resulted in a cost savings of \$290,000. The paving decision also removed the need for the project to pass off storm water impact to an already "at capacity" storm treatment system in Modesto.

For more information on this project, contact Modesto Project Manager Mike Hrast, mike.hrast@kp.org.

News

1. The *Green Guide Operations* section has been revised. Visit the [Download](#) page in mid October to access the errata sheets and the latest edition of the *Green Guide*: version 2.0d. Updates to the *Operations* section include: clarified requirements for many credits and additional resources. View the errata sheet for major updates, such as credit numbering changes. The *Construction* section, updated in August, will be included in the revised release as well as a credit synergies section which was applied throughout the document.
2. *Green Guide Pre-Order period ends*. The first shipments of the *Green Guide* version 2.0d Pilot printed edition will arrive at their destinations the week of October 24. If you missed the pre-order period, it's not too late to purchase the first printed edition of the *Green Guide*. Visit the [Online Store](#) today!
3. **Take advantage of *Green Guide* Education events!** Join the Hospitals for a Healthy Environment free teleconference on the **role of nurses** in sustainable healthcare (October 7). Participate in education sessions at the **AIA Academy of Architecture for Health** conference in Los Angeles (Oct. 19-22). Participate in the *FacilityCare Magazine* audio conference on **Integrated Operations** in late October. *Green Guide* Registrants receive a discount. Visit our [Events](#) page for a list of more **upcoming educational events**.
4. 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.
4. **Get credit for your innovations! Contribute to "Green Guide Spotlight."** Each monthly newsletter profiles a facility and its creative approach to a *Green Guide* credit. Both Pilots and Registrants are eligible. Please send story with value-added results to info@ggch.org by October 10.
October topic: Water Efficiency.
6. **Need help implementing the *Green Guide* on your project?** Join the growing list of healthcare facilities taking advantage of the resources provided by the *Green Guide* framework. Sign up your project as a Pilot at www.ggch.org/participate.cfm.
7. **The *Green Guide* welcomes our new Partners:** Andropogon, American Society for Healthcare Environmental Services (ASHES), Kirksey, RISE Engineering.
8. **The *Green Guide* welcomes our new Endorser:** Siemens. See [Supporters](#) for a complete listing of partners and endorsers.