

## **MERCY GREEN POINT SYSTEM**

May 23, 2007 / First Draft

September 28, 2007 / Update Draft

February 14, 2008 / First Release

**Mercy Green Point System for the Green Initiative:** The Mercy Green Point System consists of the Green Guide for Health Care as modified hereinafter. A free downloadable copy of the complete Green Guide for Health Care may be obtained at [www.gghc.org](http://www.gghc.org).

The Green Guide for Health Care for Construction is adopted in full except as modified hereinafter. Mercy modifications apply to the GGHC Construction Credit Goals of the GGHC Version 2.2-2007.

## **INTEGRATED DESIGN**

Page 3-1: Add the following Prerequisite 3:

### **ID Prerequisite 3:**

Minimum deliverables

- a. Provide a building design that can perform to a 140-160 btu/sf/year standard.
- b. Provide metering as necessary to validate performance.
- c. Identify personnel who will perform performance validation.
- d. Provide a statement of compliance or a statement that explains in detail the Mercy Point System item(s) was (were) not met. Statement shall be signed by the Mercy Project Manager and the Regional Director of Planning, Design and Construction or the Facility Operations and Maintenance Facility Director as applicable.
- e. A design program shall be provided.

## **SUSTAINABLE SITES (Page 3-2)**

### **SS Prerequisite 1:**

Page 6-2, Potential Technologies & Strategies: Eighth bullet item: Change to read:

“The project team will plan to minimize site disruption associated with unnecessary ground disturbance (topsoil stripping) and removal of existing groundcover by protecting existing vegetation, including clusters or groupings of existing trees or shrub masses. Avoid planting isolated plant material.”

### **SS Credit 4.2:**

Page 6-15: Suggested Documentation: Add the following:

“Provide ‘Inquisite’ or similar survey of building occupants to demonstrate adequate demand by potential or current bicycle users. No credit point is available unless adequate demand can be demonstrated. Minimum survey demand level shall be at least double the percentages stated in the Credit Goals.

Survey question shall be similar to: “Would you ride a bicycle to this facility if a bicycle rack, changing and shower facilities were provided?”

### **SS Credit 4.3, Page 6-17:**

Suggested Documentation: In the second Option, add the following statement:

“Fuel efficient vehicles shall be defined as vehicles obtaining the US EPA Certified SmartWay rating with at least a score of 7 for the “Air Pollution Score” as published by the Environmental Protection Agency’s Green Vehicle Guide found at [www.epa.gov/autoemissions](http://www.epa.gov/autoemissions). Preferred parking shall be defined as parking spaces located within 100 feet (measured horizontally) from a building’s entrance or a building’s air intake.”

### **SS Credit 6.1, Page 6-31**

Suggested Documentation: Add the following item:

“Provide investigation of local storm water department rates and document the potential savings available if storm water runoff is reduced.”

### **SS Credit 10.1, Page 6-51**

Credit Goals: Delete in its entirety and insert the following:

“Exceed all applicable standards for release of products of combustion.”

## **WATER EFFICIENCY (Page 7-1)**

Prerequisite WE1:

Intent: Delete and insert the following:

“Minimize the use of potable water for once through equipment cooling including,

- Lasers,
- Dialysis flush water
- Sterilizer cooling cycle H<sub>2</sub>O
- MRI “Plan B” cooling
- Medical Gas compressor cooling

Provide documentation of potential water use and dollar savings for items such as:

- Closed loop cooling systems with potable backup or N+1 cooling
- Use of non-potable water sources

Provide operational training, equipment settings and controls, and ample metering to assist in minimizing once through potable water usage.

\*EXCEPTION: Water usage shall not be limited where discharge temperature limitations are in effect by the Authorities Having Jurisdiction.”

WE Credits 2. 2, 2.3: (Page 7-7)

Credit Goals: Add the following to each credit goal:

“Consider the use of ‘waterless’ urinals in low use public and coworker areas.”

WE Credit 2.4, 2.5: (Page 7-9)

Credit 2.4:

Suggested Documentation:

Add the following for cooling tower blow down documentation:

“Provide report on investigation of optimal use of chemical treatment.”

Add the following for Medical Gas Pump documentation:

“Provide report on investigation of optimal use of water cooling cycle.”

Add the following for Hydronic Pumping Seals documentation:

“Provide report on investigation of water cooling cycle optimization.”

Credit 2.5:

Add the following for water reuse documentation:

“Provide report on investigation to capture condensate, blow down, etc. for use in non-potable irrigation and make up water.”

## **ENERGY & ATMOSPHERE (Page 8-1)**

Prerequisite 2: Page 8-5:

Add the following:

“The project team shall strive to meet prerequisite 2 to the greatest extent possible within the limitations of the project budget.”

E & A Credit 4: Page 8-21

Intent: Delete and insert the following:

“Reduce ozone depletion and support early compliance with the Montreal Protocol.”

E & A Credit 6.1 – 6.4

Suggested Documentation: Page 8-29:

“Provide documentation of the local utility options available for purchase of electricity generated from renewable sources.”

## **Materials & Resources** (Starting on Page 8-1)

MR Credit 3:

Credit Goals: Page 9-31

Add to the statement: "Contains 100% wood certified in accordance with the Forest Stewardship Council's (FSC) Principles and Criteria" the following:

"Independent third party documentation of forest sustainability is also acceptable."

Add the following credit goal:

"Sustainably Sourced Materials: Mercy will provide the construction and operations team a listing of sustainable construction and operations materials. This list will be coordinated to include ROi products where applicable."

MR Credit 4.1: Page 9-35

Intent:

Add to the end of the intent statement the following:

"...to the extent that durable and affordable alternatives exist."

MR Credit 5.2: Page 9-47

Credit Goals:

Second bullet item: Change to read as follows:

"No persistent bioaccumulative toxins (PBT's) in material manufacture - Mercury, Cadmium, Lead or chlorinated compounds (including PVC where appropriate, durable and affordable options exist) in furniture components, textiles, finishes or dyes (per GGHC MR Credit 4). Exception can be made for minor parts, as long as a chlorinated compound is not one of the primary materials of the product."

Fourth bullet item: To end of sentence add the following:

"Independent third party documentation of forest sustainability is also acceptable."

MR Credit 5.3: Page 9-49

Credit Goals:

Add fifth bullet item:

"Resale of furnishing to resale shop or redeployment."

## ENVIRONMENTAL QUALITY

EQ Credit 1: Page 10-11

Credit Goals:

Add the following credit goal:

“Provide 100% O.A. systems (no monitoring is required).”

EQ Credit 3.3:

Add new Credit Goal 3.3 (see page 3-11):

“Schedule flush out times with appropriate ambient condition. (bonus point)”

EQ Credit 4.2: Page 10-29

Credit Goal: Change to read as follows:

“Use only paints and coatings on the interior of the building that do not exceed of the VOC limits of South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect for 7/1/2008 **or equivalent acceptable standard**. Specify ceiling tiles and wall coverings that meet or exceed the indoor air quality requirements of California 01350 **or equivalent acceptable standard**, AND do not contain either of the following ingredients Polybrominated diphenyl ethers (PBDE) or Phthalates.”

EQ 4.3: Page 10-33:

Credit Goals: Change to read as follows:

- “• Specify carpet and resilient flooring systems that meet or exceed:
  - The indoor air quality requirements of California 01350 **or equivalent acceptable standard** AND Specify carpet and resilient flooring systems that do not contain any of the following ingredients: Polybrominated diphenyl ethers (PBDE), Phthalates, Natural rubber latex.”

EQ 4.5: Page 10-39:

Credit Goals: Change to read as follows:

“Select a minimum of 40% (by cost) of all furniture and medical furnishings (including mattresses, foams, panel fabrics and other textiles) that contain no more than one of the four listed materials: Polybrominated diphenyl ethers (PBDE), perfluorooctanoic acid (PFOA), urea formaldehyde, phthalate plasticizers. OR That contain no more than two of the four listed materials AND meet or exceed the indoor air quality requirements of California 01350 **or acceptable equivalent standard**.”

## **INNOVATION & DESIGN PROCESS**

IN 2: Page 11-1:

Credit Goal 1.1: Add the following to the end of the Credit Goal:

“Document findings at corporate level for distribution and availability corporate wide.”

***END OF MERCY AMENDMENTS TO GGHC Version 2.2 - 2007***