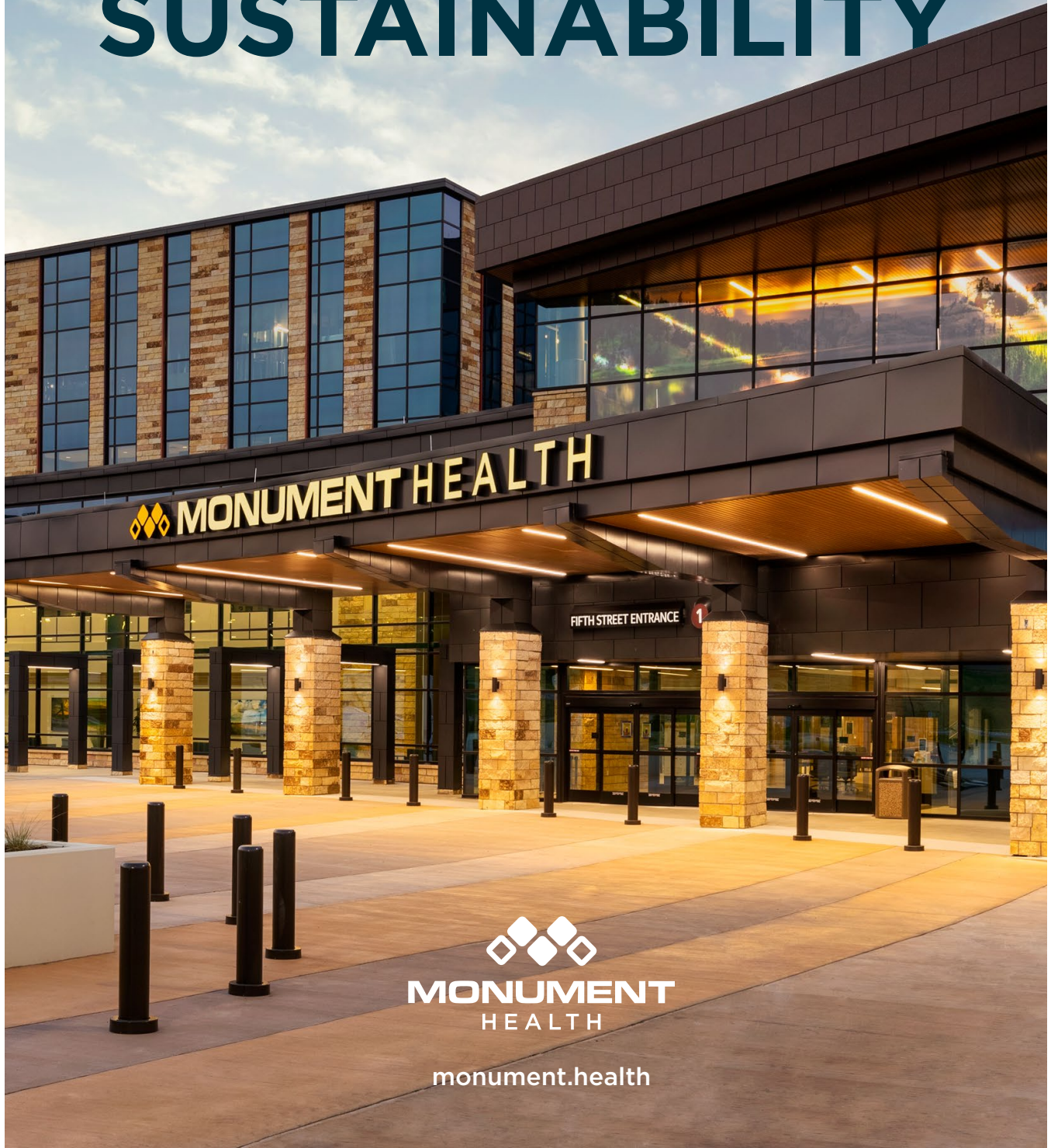


OUR COMMITMENT TO
SUSTAINABILITY




 **MONUMENT HEALTH**

FIFTH STREET ENTRANCE 1



MONUMENT
HEALTH

monument.health

A wide-angle photograph of a modern hospital lobby. The space is characterized by its high ceilings, large windows, and contemporary design. The ceiling features a series of long, horizontal wooden slats and recessed lighting. The walls are primarily composed of large glass panels, allowing natural light to flood the space. Several large, cylindrical concrete pillars support the structure. The floor is a polished, light-colored material with a subtle pattern. In the foreground, there are several pieces of modern furniture, including armchairs and a sofa, arranged in a seating area. Potted plants are placed throughout the space, adding a touch of greenery. The overall atmosphere is clean, bright, and professional.

**MAKE A
DIFFERENCE.
EVERY DAY.**

MONUMENT HEALTH'S MISSION TO MAKE A DIFFERENCE EVERY DAY INCLUDES DOING OUR PART TO CREATE A SUSTAINABLE AND HEALTHY ENVIRONMENT.

We strive to improve the environmental performance of our health care services and facilities, while reducing our environmental footprint. Our efforts are driven by continually seeking fiscally and socially responsible approaches to improve patient safety while protecting public health.

Our organization is committed to making communities healthier and to protecting the environment by creating a systemwide culture of sustainability modeled by all Monument Health caregivers, creating a sustainability team to research and implement best practices and pursuing additional ways to reduce and process waste.



ENVIRONMENTAL STRATEGY KEY THEMES:

1

Managing Energy, Water, and Emissions Responsibly:

Striving to reduce amount of energy and water used, decarbonize energy production, and decrease indirect emissions through purchasing sustainable supplies and minimizing use.

2

Sustainable Sourcing and Waste Reduction:

Limiting our impact on the environment and waste facilities by sourcing materials responsibly, reducing consumption, reusing where possible and minimizing food waste.

3

Community and Social Impact:

Promoting and encouraging social sustainability within the Monument Health organization and surrounding community.

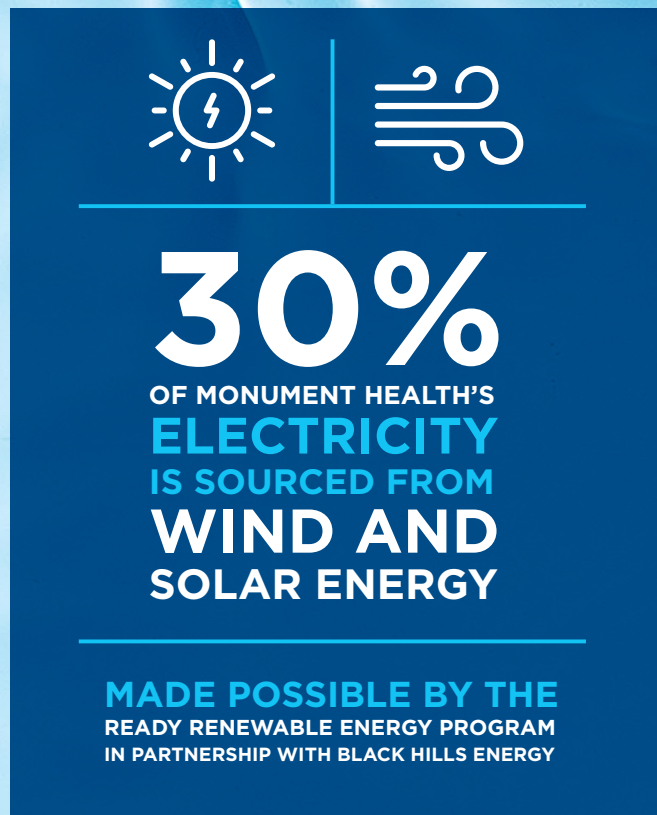
MANAGING ENERGY, EMISSIONS AND WATER RESPONSIBLY

Energy and Emissions

Monument Health is committed to advancing sustainability and reducing greenhouse gas emissions while providing the highest standards of care for patients. Our facilities are pursuing this initiative by improving energy efficiency and reducing unnecessary energy consumption across our existing healthcare facilities. New Monument Health facilities will implement project specific framework and targets for ensuring we build for long term sustainability.

Monument Health has completed several initiatives that are moving us to a more sustainable future. We investigated transitions to sustainable energy sources, such as the Wind energy program partnership with Black Hills Energy. 30 percent of Monument Health's electricity is now sourced from their Ready Renewable Energy program. Onsite solar arrays are already generating electricity at two Monument Health Urgent Care sites and a geothermal well system provides highly efficient HVAC operation at a large clinic site. In addition, there are 13 electric vehicle charging stations available at the Rapid City Hospital campus. Infrastructure has been designed to expand these strategies to additional markets. We are currently exploring possibilities for additional sources of clean and renewable energy across our portfolio to continue reducing emissions.

Monument Health is taking several actions to improve our existing facilities. We have conducted a comprehensive energy audit and facility assessment of our Rapid City hospital. This initiative meticulously evaluated our energy consumption, identified areas for improvement, and enhanced the overall operational efficiency of our Rapid City campus. Moving forward, our energy audit and facility assessment will be incorporated into an annual cycle. This iterative approach will enable us to stay agile and responsive to



The infographic features a dark blue background with two icons at the top: a sun with a lightning bolt and a wind turbine. Below the icons, the text reads: **30%** OF MONUMENT HEALTH'S **ELECTRICITY** IS SOURCED FROM **WIND AND SOLAR ENERGY**. At the bottom, it states: **MADE POSSIBLE BY THE READY RENEWABLE ENERGY PROGRAM IN PARTNERSHIP WITH BLACK HILLS ENERGY**.

emerging opportunities for efficiency gains and conservation measures. Monument Health is also working to reduce energy use and remove mercury from facilities through lighting retrofits. Retrofits include replacing fluorescent lighting in our buildings with higher-efficiency, mercury-free LED lighting and installing automated lighting control systems to dim or turn off lighting when not in use.

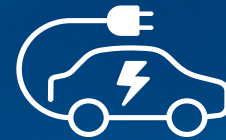
While Monument Health has made substantial progress within our existing portfolio, we are also setting future goals for sustainability. The Green Building Initiative has developed the Green Globes program, a comprehensive and flexible green building rating system. This program has demonstrated success on healthcare projects across the country. Monument has set a goal of attaining a minimum certification level of 2 Green Globes on new construction projects. Monument Health also understands the importance of reducing the emissions attributed to our facilities. While improving efficiency to use less energy is vital, simultaneously we must drive our systems to use technologies and strategies that will lessen our emissions. Like our use of wind and solar previously, we will investigate the infrastructure needed to add alternate energy sources to our new projects and retrofit our central utility plant. Monument Health also has internal programs that evaluate purchased supplies for sustainability and minimize indirect emissions through our supply sources.

Monument Health has recently implemented a comprehensive cleaning and updating policy for the HVAC units that supply air to their hospital facilities. This proactive approach resulted in a notable 20% savings on the units that underwent this maintenance last year. With a commitment to enhancing energy efficiency, Monument Health aims to extend this initiative by targeting the cleaning and updating of six additional large HVAC units this year. By prioritizing the upkeep of these systems, the hospital not only achieves cost savings but also contributes significantly to a more sustainable and environmentally friendly operation.

Water

Water is a vital resource, and our society must increasingly protect it as communities grow. Monument Health is working to reduce our water consumption through several efforts.

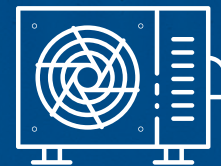
New plumbing fixture styles have significantly improved water use through automatic controls and efficiency. Monument Health uses these new plumbing fixtures when constructing and renovating our facilities. Hospital cooling and heating systems use significant amounts of water to provide both occupant comfort and the high-quality conditions expected in state-of-the-art clinical spaces. Nalco, an industry leader in water treatment, provides a treatment program to use fewer chemicals and minimize our heating and cooling systems' water use through automated controls and quality management.



13

ELECTRIC VEHICLE CHARGING STATIONS

**ARE AVAILABLE AT THE
RAPID CITY
HOSPITAL CAMPUS**



20%

SAVINGS ON HVAC UNITS THROUGH A NEW CLEANING AND UPDATING POLICY

SUSTAINABLE SOURCING AND WASTE REDUCTION

Food Sourcing, Options and Waste

Monument Health offers a variety of healthy and sustainable food choices promoting physical and mental well-being. Monument Health's food offerings include plant-based menu options and use local ingredients and sustainably sourced food. Monument Health is continually seeking ways to reduce food-related energy use and conserve resources, such as water, as well as effectively manage and lower the amount of waste generated.

Monument Health reduces food waste by participating in the WasteNot 2.0 Program with Compass Group, offering plant-based menu items, and utilizing local ingredients. We are also increasing the number of recipes use root-to-stem cooking methodology.

Waste

Monument Health utilizes chemicals in our facilities to treat and heal patients and to clean, disinfect and sterilize supplies and surfaces. It is crucial our methods of waste management consider our patients, caregivers, local communities, and the environment. Our partner for Environmental Services is Crothall, a recognized industry leader in quality housekeeping services in healthcare.

We are committed to reducing unnecessary waste and ensuring all waste is managed appropriately.

We utilize Clean Waste Systems' Ozone medical waste treatment system (shredder/sterilizer) as our primary waste processor. This system reduces GHG emissions and drastically reduces the volume of waste going to the landfill. Using this waste treatment processing methodology, Monument Health has reduced its GHG emissions by approximately 15,500,000 kg per year. This is a 76% reduction as compared to our previous processes of hauling our medical waste out of state for processing.

Monument Health participates in Stericycle's Sharps Management Service. We have avoided the production of an estimated 66,100 pounds, by the utilization of nearly 13,000 reusable containers.

Monument Health engages with several local specialized waste management processors with recycling outlets for metal, cardboard, electronics, and repurposing furniture and other equipment.

Reprocessing

Monument Health partners with Stryker Sustainability Solutions to use Food and Drug Administration (FDA)- approved reprocessed single-use devices to reduce waste and save costs. Reprocessing extends the life of these products and reduces material consumption. Our efforts have resulted in 10,700 pounds of single-use devices being diverted from landfills.





BY USING CLEAN WASTE SYSTEMS' OZONE MEDICAL WASTE TREATMENT SYSTEM, WE REDUCED OUR GREENHOUSE GAS EMISSIONS BY APPROXIMATELY

15,500,000 KG PER YEAR,

A 76% REDUCTION



USING STERICYCLE'S SHARPS MANAGEMENT SERVICE, WE HAVE AVOIDED THE PRODUCTION OF AN ESTIMATED **66,100 LBS.**

BY THE UTILIZATION OF NEARLY

13,000 CONTAINERS



BY PARTNERING WITH **STRYKER SUSTAINABILITY SOLUTIONS** TO REPROCESS SINGLE-USE DEVICES,

10,700 POUNDS

HAVE BEEN DIVERTED FROM LANDFILLS

IDENTIFIED WASTE STREAMS AND CURRENT PERFORMANCE

WASTE STREAM	ESTIMATED ANNUAL USAGE/SAVINGS - 2022 (BASELINE)	ESTIMATED ANNUAL USAGE/SAVINGS - 2023
Water	57,495 cubic feet (Rapid City Hospital)	57,160 cubic feet (Rapid City Hospital)
Sharps	Stericycle’s Sharps Management Service avoided the production of an estimated 66,160 pounds, through the utilization of nearly 13,000 reusable containers.	Stericycle’s Sharps Management Service avoided the production of an estimated 100,610 pounds, through the utilization of nearly 20,912 reusable containers.
Regulated Medical Waste	2,454,000 pounds	2,540,000 pounds
Cardboard	Recycled approximately 405,600 lbs. of cardboard in 2022.	Recycled approximately 312,000 lbs. of cardboard in 2023.
Medical Equipment	<ul style="list-style-type: none"> • Convoys of Hope - 2 semi-trucks full of donated equipment and medical supplies, including patient beds were repurposed. • Green Wizard - Picks up electronics/IT/metal for recycling. Average 1 pallet per week @ 350 lbs. per pallet. 	<ul style="list-style-type: none"> • Green Wizard - Picks up electronics/IT/metal for recycling. Average 1 pallet per week @ 350 lbs. per pallet.

WASTE STREAM	ESTIMATED ANNUAL USAGE/SAVINGS - 2022 (BASELINE)	ESTIMATED ANNUAL USAGE/SAVINGS - 2023
Hazardous Air Pollutants (HAP)	8.8 tons (Rapid City Hospital)	8.9 tons (Rapid City Hospital)
Electricity (Black Hills Energy)	45,917,000 Kilowatt Hours (Black Hills Energy)	45,808,000 Kilowatt Hours
Natural Gas (Rainbow Gas)	System Usage 2022 MMBtu= 164,608	System Usage 2023 MMBtu= 168,126
Transportation	Total Fleet Vehicles - 123 <ul style="list-style-type: none"> • Fuel Usage - 97,339 gallons • CO2 Emissions - 947.6 tons • Distance Driven - 1,524,625 miles 	Total Fleet Vehicles - 124 <ul style="list-style-type: none"> • Fuel Usage - 91,506 gallons • CO2 Emissions - 928.8 tons • Distance Driven - 1,587,197 miles
Pharmaceutical & Hazardous Waste	Waste Processed by Clean Harbors: <ul style="list-style-type: none"> • Methanol/ Ethanol solution - 3387 lbs • Methanol, acetonitrile - 527 lbs • Arsenic Trioxide - 6 lbs • Corrosive Liquid, acidic - 16 lbs • Oxidizing Solid - 8 lbs 	Waste Processed by Clean Harbors: <ul style="list-style-type: none"> • Methanol/ Ethanol solution - 3,974 lbs • Methanol, acetonitrile - 509 lbs • Arsenic Trioxide - 14 lbs • Corrosive Liquid, acidic - 6 lbs • Oxidizing Solid - 5 lbs • Aerosols (as inhalers) - 110 lbs • RCRA Pharmaceutical Waste - 35,236 lbs
Medical Devices & Supplies	Partnership with Stryker, 10,743 pounds of waste was diverted from the landfill.	Partnership with Stryker, 13,382 pounds of waste was diverted from the landfill.
Food	1% (82 lbs) of food waste was kept out of the landfill	1% (195 lbs) of food waste was kept out of the landfill <ul style="list-style-type: none"> • Feed hungry people - 70 lbs • Feed animals - 38 lbs • Composting - 87 lbs
Light Bulbs	Not tracked	*2023 - 346 pounds
Trash	Rapid City Market 2,420.07 total tons 57.58 tons OCC "cardboard" 1.12 tons Comingle REC 1,345.18 tons from Ozone Compactor	Rapid City Market 2,306.88 total tons 57.58 tons OCC "cardboard" 0.65 tons Comingle REC 1,032.32 tons from Ozone Compactor

COMMUNITY AND SOCIAL IMPACT

Social sustainability is broad, encompassing labor laws, human rights, workplace safety, employee health and wellness, and nuanced subjects like diversity and inclusion. It also includes actions considered outward facing, such as employee engagement, philanthropy, and community engagement. At its core, successful social sustainability practices have a positive impact on both the business operations of a company and the communities they serve. Creating a formal mechanism for employees to volunteer can address both, resulting in a win-win for all involved.

MONUMENT HEALTH HAS FIVE PRIORITIES, INCLUDING, **“BE A GREAT PLACE TO WORK,”** AND **“IMPACT OUR COMMUNITIES.”**



WE CARRY OUT THESE OBJECTIVES IN SEVERAL WAYS, INCLUDING:

**VOLUNTEERISM
AND COMMUNITY
BENEFIT HOURS**

24,487

**VOLUNTEER
HOURS**

were contributed by
Monument Health
caregivers in FY23

**COMMUNITY HEALTH
SCREENINGS**

12,346

**COMMUNITY
HEALTH
SCREENINGS**

were completed in FY23

**ORGANIZING
BLOOD DRIVES**

7

**COMMUNITY
BLOOD DRIVES**

hosted annually by Monument
Health through partnerships
with Vitalant and LifeServe

**REDUCING
WORKPLACE
VIOLENCE**

Monument Health programs
aimed at reducing workplace
violence resulted in a

**30% REDUCTION
IN WORKPLACE
VIOLENCE INCIDENTS**

between 2021 and 2022

**FOCUSING ON
DIVERSITY AND
INCLUSION**

Monument Health hosts monthly
Cultural Diversity Gatherings and
was the 2023 recipient of the

**AHA CAROLYN
BOONE LEWIS EQUITY
OF CARE AWARD**

recognizing efforts to advance
equity of care for all patients

**PROMOTING
EMPLOYEE HEALTH
AND WELL-BEING**

The Monument Health
LiveWell program is

**AVAILABLE AT
NO COST TO ALL
CAREGIVERS**

and provides opportunities,
resources and support that
help everyone to live well

GOALS AND FUTURE STRATEGIES



THIRD PARTY AUDITS AND PROGRAMS

- Conduct annual checkups and updates to our energy audit and facility condition assessments to build a culture of continuous improvement.
- Achieve a minimum certification of 2 Green Globes via Green Building Initiative (GBI) on 1 new construction projects.



REDUCE OUR CARBON FOOTPRINT

- By year 2035 we will:
Reduce Greenhouse gas emissions by 50%
- By year 2050 we will:
Reach net zero emissions



IMPLEMENT SYSTEM-WIDE TRACKING PROGRAMS

- Energytocare.com –
Tracks utility usage to validate savings.
- Sustainabilityroadmap.org (AHA)
- Create Energy Star profiles for all system hospitals to track progress.



SOURCE SUSTAINABLE EQUIPMENT AND SUPPLIES

- When determining supplier and product selection, consider quality as well as environmental impact.
- Look upstream by studying incoming material and then reduce both inputs and outputs together to achieve greater reductions in total waste cost.



IMPROVE WATER USE EFFICIENCY

- Increase focus on usage, collection and conservation in building systems and in landscaping/grounds operations.
- Add water meters to systems to collect data for water tracking and future conservation methods.
- Evaluate water use cycles of concentration through the cooling towers and boiler blowdown sequencing to have maximum efficiency.



ENERGY

- Update LED lighting as repaired and replaced.
- Performing steam trap assessments to reduce carbon and energy consumption within the building for HVAC and Sterilization.
- Reprogram the Rapid City hospital's Central Utility Plant operating sequences and air handling units to utilize heating and cooling more efficiently.
- Clean heat transfer coils from Air Handling Units, saving 20% in energy costs from airside energy.



TRANSPORTATION

- Electric vehicles added to system fleet in a phased manner.
- Addition of electrical charging stations throughout system.

UNDERSTANDING GREEN GLOBES

As the healthcare industry increasingly acknowledges the importance of sustainability, we at Monument Health are seeking innovative ways to reduce waste and embrace environmentally conscious practices within new construction. One effective approach gaining traction is the adoption of Green Globes certification, a comprehensive and flexible green building rating system developed by the Green Building Initiative (GBI).

Green Globes is a green building certification program designed to assess and improve the environmental performance of buildings. This system provides a holistic framework for evaluating sustainability across various aspects of construction and operation. The program certifies buildings with a one to four Green Globe score depending on how many points are achieved out of the potentially available points for that project.



STEPS TOWARD

GREEN GLOBES CERTIFICATION

1

Pre-Design Assessment:

- Evaluate the building site's environmental characteristics and identify opportunities for sustainable development.
- Onboard stakeholders early to establish preliminary energy efficiency goals and outline a plan for waste reduction.

2

Design and Construction:

- Prioritize energy-efficient design elements, such as optimized HVAC systems, natural lighting, and efficient insulation.
- Implement waste reduction strategies, including responsible material selection, recycling programs, and construction waste management.

3

Energy Efficiency:

- Adopt renewable energy sources, such as solar or wind power, to reduce reliance on non-renewable energy.
- Utilize energy-efficient technologies and systems, aiming for reduced energy consumption and lower carbon emissions.

4

Water Conservation:

- Implement water-efficient plumbing fixtures and landscaping practices to minimize water consumption.
- Explore the use of rainwater harvesting systems to supplement water needs.

5

Indoor Environmental Quality:

- Prioritize the use of lower chemical emitting materials to enhance indoor air quality for occupants.
- Design spaces that maximize natural light and ventilation, contributing to a healthier indoor environment.

6

Commissioning and Verification:

- Verify the proper implementation of sustainable design elements through thorough commissioning processes.
- Conduct regular inspections and assessments to ensure ongoing compliance with Green Globes standards.



THE BENEFITS FOR US AT MONUMENT:

Green Globes encourages the reduction of construction waste through responsible practices, minimizing the environmental impact associated with building projects. By optimizing energy and water usage, we can lower operational costs while contributing to a more sustainable and resilient infrastructure. Achieving Green Globes certification demonstrates our commitment to environmental responsibility, fostering positive relationships with our community. By us prioritizing sustainability through Green Globes certification, we will help to distinguish ourselves as leaders in environmentally conscious healthcare construction, attracting patients and staff who share these values.

The pursuit of Green Globes certification offers us a structured pathway to achieve sustainability goals in construction projects. By prioritizing waste reduction, energy efficiency, and responsible resource management, we can contribute to a healthier environment and set a benchmark for sustainable healthcare infrastructure. With the overarching goal of achieving 2 Green Globes on each project, we can create a lasting impact, not only in patient care but also in building a more sustainable and resilient future.



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