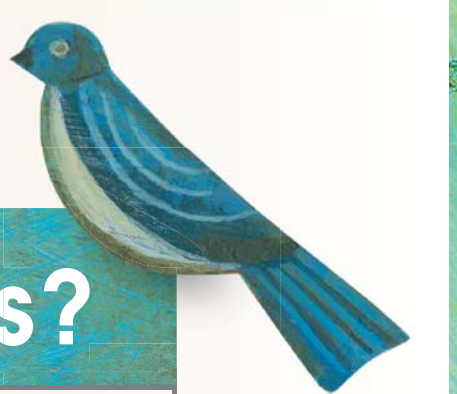




BUILDING A GREENER FUTURE

Our Commitment to the Environment

Just like animals, our world's resources should be treated with respect and kindness. That's why environmental responsibility is an integral part of our mission. Our building incorporates green features that inspire us all to do more with less. In fact, this facility is an educational center to showcase sustainable strategies. Please take a look...



Our Sustainable Strategies

<p>SUSTAINABLE SITES</p> <ul style="list-style-type: none"> - To minimize soil loss and preserve water quality, an erosion control plan was executed during construction. - We encourage staff and volunteers to reduce pollution impacts by carpooling, bicycling or utilizing alternative fuel vehicles. - The site is illuminated by sensitively designed outdoor lighting that reduces light pollution that can affect nocturnal ecosystems. - The site landscaping carefully incorporates native and adaptive plantings to conserve natural areas that provide habitat and promote biodiversity. Native plantings also help control stormwater and they are low maintenance, saving the shelter valuable time and money. - The roofing materials used on the shelter were carefully selected to reduce heat absorption. By doing this, we reduced the building's tendency to be a heat island, and we minimized the building's impact on the microclimate. 	<p>ENERGY & ATMOSPHERE</p> <ul style="list-style-type: none"> - Compared to a typical shelter, the Ozaukee Campus uses less energy. - Solar hot water panels on the roof use the sun's energy to heat water for bathing dogs and puppies, cleaning and hand washing. This helps reduce refrigerants that could contribute to global warming. - The building has submetering to monitor energy use. This helps our staff track and identify successful strategies that reduce energy use in the building.
<p>INDOOR ENVIRONMENTAL QUALITY</p> <ul style="list-style-type: none"> - Increased outdoor air ventilation rates enhance indoor air quality in the building, while contributing to the comfort and well-being of the occupants. It also helps reduce odor and control the spread of infection. - Smoking is prohibited on the site to eliminate exposure of building occupants and materials from environmental tobacco smoke. - The ventilation system includes devices that monitor CO2 levels in the building. These monitors feed the information to the HVAC system which will adjust the ventilation rates to accommodate the actual needs. - During construction, the duct system was carefully protected from dust, moisture and potential contaminants to reduce potential indoor air quality problems resulting from the construction process. - After construction but just before occupancy, the building ventilation system moved outdoor air through the building to flush out any lingering toxins. This action should extend the life of the system and improve the ventilation system efficiency, resulting in reduced energy use. - Low-emitting paints, coatings, adhesives and sealants were used throughout the interior of the building to reduce indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants. - All carpet installed in the building is certified by the Carpet and Rug Institute's Green Label Plus program which ensures that the associated volatile organic compound emissions are at safe levels. - Walk off mats at building entrances capture dirt and particulates to minimize occupant exposure. - The shelter staff members have been given individual lighting controls for their workspace that helps reduce the amount of energy used. - The building envelope and HVAC systems were designed to provide a comfortable thermal environment to support the well-being of building occupants. - Windows were strategically placed to provide occupants a connection between indoor spaces and the outdoors through the introduction of daylight and views. 	<p>MATERIALS & RESOURCES</p> <ul style="list-style-type: none"> - The shelter reduces landfill waste generated in the building by collecting recyclables such as paper, glass, plastic and cardboard. - Many of the materials used in the shelter contain recycled content. By using these products, the shelter reduced the need for virgin materials, and helped keep waste out of landfills. - When possible, the shelter used building materials manufactured and harvested locally. This reduced the amount of carbon emissions associated with transporting goods, and it helped support our local economy.
<p>WATER EFFICIENCY</p> <ul style="list-style-type: none"> - The use of native and adaptive plants has eliminated the need for site irrigation, which significantly reduces the use of potable water. - The use of low-flow plumbing fixtures reduces the potable water use in the building. - We implemented many strategies to manage stormwater runoff, such as using rain barrels to collect water for irrigating our lawn and gardens. 	

Why Wetlands?

While we provide a caring, comfortable place for animals inside, we also offer a nurturing place for outdoor wildlife through our native wetland marsh.

Wetlands are areas with a high concentration of water and nutrient-rich soil that provide a habitat for a myriad of species of aquatic and terrestrial plants and animals. Humans also benefit from wetlands, which help control floodwaters and absorb excess sediment and other pollutants before they reach rivers, lakes and other water sources.

Our wetlands celebrate a harmonious relationship with animals and nature in our own backyard. They offer a beautiful view from our visitors' patio and dog walking path. We're grateful to demonstrate our environmental stewardship by preserving these wetlands that help our animals, people, community and world. We just ask that you respect this habitat by leaving it as you found it.



More Info?

Visit the **GREEN TECH** section on our website ozaukeehumane.org