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**HI'ILANI ECOHOUSE UTILIZES HIGH-EFFICIENCY STEALTH TOILET
IN CARBON-NEUTRAL, SUSTAINABLE DESIGN**
Eco-Friendly Home Highlights Benefits of Water Conservation, Going Green

Fort Worth, TX – January 30, 2012 – Near the historic Waipi'o Valley on the Big Island of Hawaii, designers of the Hi'ilani EcoHouse used advanced technology and the power of nature to craft the 4,000 square foot, carbon-neutral, two-family residence. To be considered carbon-neutral, a house must take as much carbon out of the air as it puts in by producing its own energy. The house, designed by Robert Mechielsen and Studio RMA and constructed in 2012, uses an energy efficient design to create an environment where the house's energy is derived from sustainable sources. The home's architectural elements, such as butterfly roofs, serve multiple sustainable purposes from converting solar energy into electricity and utilizing negative air pressure from airflow over the roof to produce a natural air conditioning system. With its eco-friendly, sustainable design, the privately-owned Hi'ilani EcoHouse is equipped for electrical grid independence and is slated for LEED Platinum certification.

To help reduce their water usage and save on energy costs, the Hi'ilani EcoHouse installed products from Niagara Conservation®, a leading innovator of residential and commercial high-efficiency water- and energy-saving products. Niagara Conservation donated an array of eco-friendly products to the home, including five of the company's renowned 0.8 gallon per flush Stealth™ toilets, three Sava Spa® showerheads, one Earth® showerhead and four faucet aerators.

Since Hi'ilani EcoHouse uses harvested rainwater to fulfill its water needs, it required a toilet that uses water efficiently, as toilets account for nearly 30 percent of indoor water consumption according to the Environmental Protection Agency (EPA). The designers turned to Niagara Conservation's Stealth toilet, the first single flush ultra-high-efficiency toilet (UHET) available with the ability to achieve a powerful, quiet flush using just 0.8 gallons of water. Featured in all five of the house's bathrooms—two master bedrooms, two guest rooms, and the visitors' bathroom—the technologically advanced engineering inside the Stealth toilet will result in extraordinary water and utility bill savings for the Hi'ilani

HI'ILANI ECOHOUSE UTILIZES HIGH-EFFICIENT STEALTH TOILET – PAGE TWO

EcoHouse. In fact, by using 70 percent less water per flush than the older style 3.5 gallon toilet, the Stealth toilet can help to save up to 18,000 gallons of water per year, which translates to \$120 in savings per year on water usage and \$1,013 in its lifetime, depending on the wastewater rate.

Along with the Stealth, Niagara donated four showerheads for use in the bathrooms. Three were Niagara's Sava Spa showerheads which feature a 4.4 inch diameter spray head providing wide coverage and creating an exceptional shower experience while still conserving water. Niagara's Sava Spa showerhead can help save up to 8,213 gallons of water per year, up to \$173 off utility bills, and has a 1.5 gallon per minute (GPM) flow rate. Niagara also donated the Earth handheld 1.5 GPM showerhead, which can help save nearly 7,300 gallons of water per year and features nine jets that are adjustable from a gentle spray to a forceful turbo jet massage.

For added water savings, Niagara also donated four aerators to the Hi'ilani EcoHouse. Niagara's Tri-Max aerators offer three pressure compensating flow rates of 0.5, 1.0 and 1.5 GPM and can save more than 11,000 gallons of water per year and \$185 off utility and water bills annually. The two Tri-Max bathroom aerators installed ensure a constant flow and steady pressure of water regardless of the home's water pressure or psi (pounds per square inch) and provide significant savings over the standard 2.2 GPM bathroom faucet aerators. Niagara also donated two 1.5 GPM flow rate faucet aerators, which can save homeowners up to 7,655 gallons of water per year and up to \$82 off their utility and water bills annually.

"The Hi'ilani EcoHouse was an ideal product donation opportunity for Niagara Conservation, as it is a great example of how homeowners can utilize a carbon-neutral design in combination with energy and water efficient products to create a sustainable, eco-friendly household," states Carl Wehmeyer, Niagara Conservation's executive vice president. "By making small changes when building or remodeling a home, such as installing a more efficient toilet, showerhead or faucet aerator, homeowners around the country can help conserve natural resources and reduce their monthly utility bills."

Niagara Conservation's Stealth toilet, Earth and Sava Spa showerheads and aerators are currently available online at www.niagaraconservation.com and will be coming soon to local retailers,

HI'ILANI ECOHOUSE UTILIZES HIGH-EFFICIENT STEALTH TOILET – PAGE THREE

kitchen and bath showrooms, as well as plumbing wholesalers. For more information on the Hi'ilani EcoHouse, visit hiilaniecohouse.com.

With a history of nearly 40 years of quality and innovation, Niagara Conservation has earned a reputation as the premier manufacturer of high-efficiency water and energy conservation products. Niagara is the leading developer of conservation solutions for plumbing professionals, utility companies, government leaders, energy management officials and environmentally conscious consumers. Founder and President William Cutler established Niagara in 1977, and the company is still family owned and headquartered in Fort Worth, Texas, with satellite offices around the world.

For more information about the Stealth system and Niagara's other water-saving and energy-saving products, visit www.NiagaraConservation.com, or call 800-831-8383. For media inquiries, contact Maureen Brennan at 312-946-6075.

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